

# TM 9-2320-208-34P

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

---

**RESCINDED**  
FOR HISTORICAL USE ONLY

**DS AND GS MAINTENANCE REPAIR PARTS  
AND SPECIAL TOOL LISTS**

**TRUCK, UTILITY: 1/4-TON, 4 X 4,  
M38A1 AND M38A1C, AND TRUCK, AMBULANCE:  
FRONT LINE, 1/4-TON, 4 X 4, M170**

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**HEADQUARTERS, DEPARTMENT OF THE ARMY  
JULY 1966**

## DS and GS Maintenance Repair Parts and Special Tool Lists

### TRUCK, UTILITY: ¼-TON 4 x 4 M38A1 AND M38A1C, AND

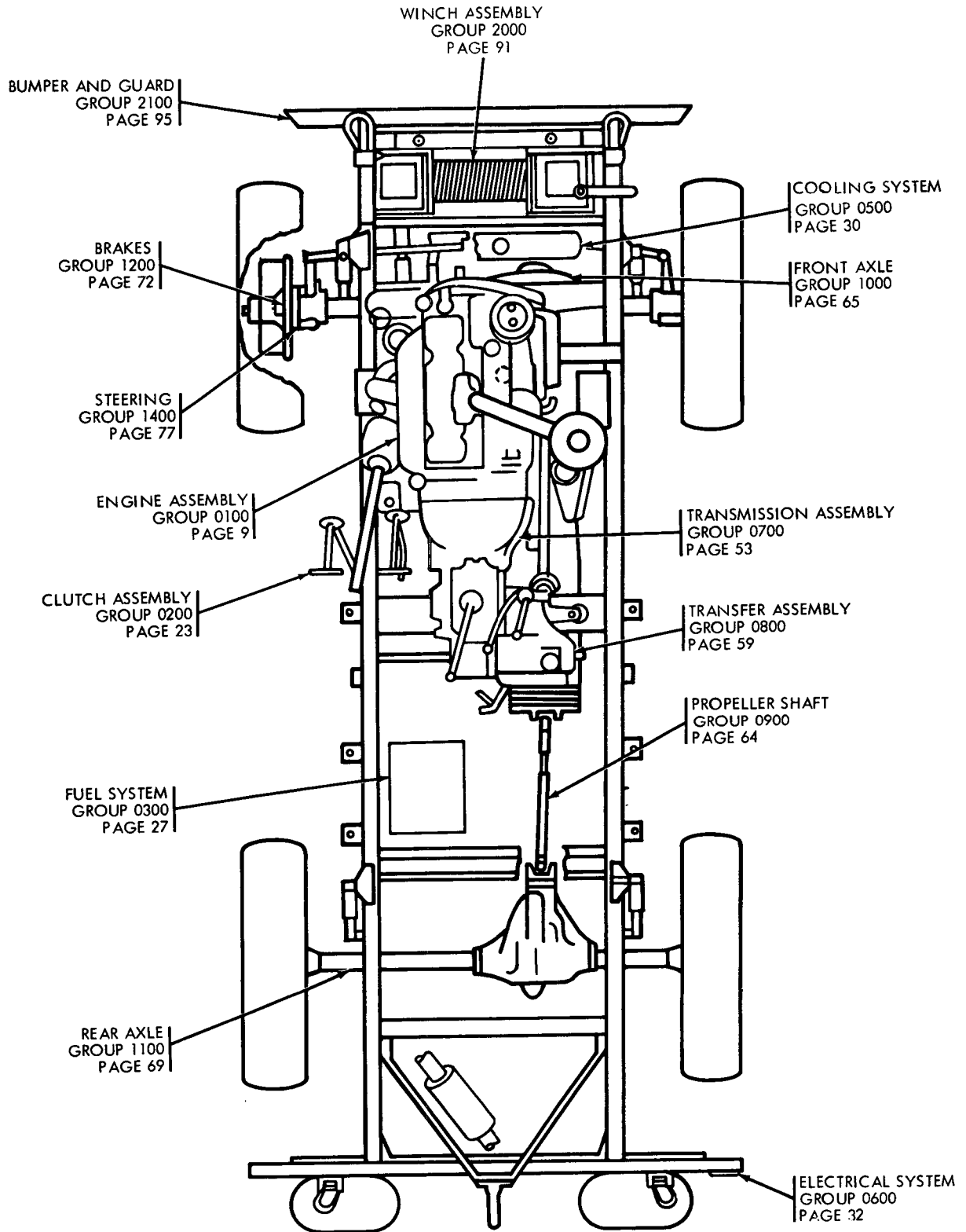
### TRUCK, AMBULANCE: FRONT LINE ¼-TON, 4 x 4, M170

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\*This manual supersedes ORD 8 SNL G758, 26 March 1956, ORD 9 SNL G758, 24 September 1956, and SM 9-4-5180-J16-38, 12 December 1957.

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ORD E64924

## SECTION I INTRODUCTION

### 1. General

*a.* This manual is an illustrated list of repair parts and special tools authorized for field maintenance (general and direct support) of the subject materiel.

*b.* For direct support maintenance, this list contains all items authorized for initial stockage for direct support maintenance and for supply support to organizational maintenance. For allowance factors for those items, see TM 9-2300-223-34P.

*c.* For general support maintenance, this list contains items authorized for initial stockage for general support maintenance. For allowance factors for these items, see TM 9-2300-223-34P.

*d.* The nonsupply items are not stocked for issue and are contained herein for identification only. They are not allocated in the maintenance columns.

*e.* For prices of Ordnance items listed herein, see the appropriate supply manual of the SM 9-2-series, Stock List of All Items Price List. Prices of items that are the responsibility of technical services other than Ordnance may be obtained from the appropriate type-2 supply manuals for those services.

*f.* Additional applications of items in this manual are listed in the supply manuals of the SM 9-3-series, Stock List of Repair Parts.

### 2. Illustration and Text Relationship

*a.* Illustrated supply items are keyed by numbers to their text listing. In all cases, the illustration and its listing will be on the same or the facing page.

*b.* Nonillustrated supply items, if any, are listed under the text of the illustrated assembly to which they are most closely related.

*c.* Nonsupply items are not listed in the text but will be identified by name, part number in a legend on the illustration and the identifying key number will be encircled to indicate nonsupply status.

### 3. Requisition Notes

*a.* If the item requisitioned is not furnished, of if other action is necessary, the nature of the action taken by the supplying agency will be indicated by standard symbols on prescribed forms.

*b.* When requisitioning an item, the requesting agency will order the listed item. However, the supplying agencies will take necessary action to issue the exhaust stock item until stock is exhausted,

whether it be an individual item, kit, set, or assembly.

*c.* Special purpose kits, i.e., winterization, etc., must be requisitioned separately, since they are not furnished with each vehicle. Supply lead time should also be considered when placing requisitions for these special kits so they may be on hand when needed.

### 4. Explanation of Columns

*a. Illustrations.* This column indicates the figure number of the illustration that depicts the item. When more than one item appears on the illustration, the item number is also indicated.

*b. Source, Maintenance, and Recoverability Code.* This column lists a code that indicates the selection status and source of supply of the repair part, the lowest category of maintenance to install or manufacture the repair part, and the recoverability and expendability aspects of the repair part. An example of this code is P-O-R. The "P" indicates that the item is a mission stockage list repair part procured and stocked on a national program basis, the "O" indicates the repair part is authorized to organizational maintenance, and the "R" indicates that the repair part is an expendable, recoverable item. When repair parts supply responsibility has been assigned to a materiel agency other than Ordnance, the basic number of a supplying materiel agency is listed in column 2a, for example, "11" for a Signal materiel item. Refer to paragraph 10 for an explanation of all codes appearing in this manual.

*c. Federal Stock Number.* This column lists the Federal stock number assigned by the Cataloging Division, Armed Forces Supply Support Center.

*d. Description.* The Federal item's name (shown in capital letters) and any additional description required for supply operations are listed in this column. All dimensions listed are in inches unless otherwise specified. For further identification, the materiel control or manufacturer's part number is parenthetically listed at the end of each nomenclature.

*e. Unit of Issue.* The unit of issue column lists the actual unit of issue for each item (ea, lg, ft, etc.).

*f. Quantity Incorporated in Unit.* The quantity shown in this column indicates the number of items required for the particular use indicated. This

quantity does not reflect the total quantity of the part required for the vehicle since it may have other functional uses.

*g. 15-Day Field Maintenance Allowance Per 100 Major Items.* No quantities are listed in these columns. Refer to TM 9-2300-223-34P, Consolidated Authorized Stockage Lists, for allowance factors of items to be stocked. If an item appears herein and is not listed in TM 9-2300-223-34P, it can be requisitioned for immediate use or stockage in accordance with AR 711-16.

**5. How To Find Parts**

Parts may be located if one of the following identifying factors is known. All references list the page numbers on which the assembly or part may be found.

*a. Major Component, Assembly, or Location.* Refer to Visual Guide to Contents on pages

*b. Function, Use, or Location.* Refer to the table of contents which lists the titles of illustrations and nonillustrated items. The nonillustrated items, if any, are listed with closely related illustrated assemblies or components.

*c. Nomenclature (basic noun name).* Refer to the alphabetical index on page 000

*d. Federal Stock Number.* Refer to the Federal stock number index on page 000

*e. Ordnance or Manufacturer's Part Number Index.* Refer to the ordnance or manufacturer's part number index on page 000

**6. Attaching Parts**

In some cases, nonillustrated, attaching and/or closely related items are listed indented directly beneath the items to which they pertain.

**7. Pertinent Publications**

The following publications pertain to this vehicle and its components.

LO 9-2330-208-12

Lubrication Order for Truck, Ambulance: front line, 1/4-ton, 4 x 4, M170 and Truck, utility: 1/4-ton, 4 x 4, M38A1 and M38A1C.

TM 9-8014

Operator and Organizational Maintenance Manual for Truck, Ambulance: front line, 1/4-ton, 4 x 4, M170 and Truck, utility: 1/4-ton, 4 x 4, M38A1 and M38A1C.

TM 9-8015-1

Ordnance Maintenance Manual for Engine (Willys-Overland Model MD) and clutch for 1/4-ton, 4 x 4, utility truck M38A1.

TM 9-8015-2

Ordnance Maintenance Manual for Power train, body and frame for 1/4-ton, 4 x 4, utility truck M38A1 and 1/4-ton, 4 x 4 front line ambulance M170.

TM 9-2320-208-20P

Direct and General Support Maintenance Manual for Truck, Ambulance: front line, 1/4-ton, 4 x 4, M170 and Truck, utility: 1/4-ton, 4 x 4, M38A1 and M38A1C.

**8. Special Information**

*a.* When requisitioning repair parts kits, the user is cautioned to note that many kit components are available for issue separately. When a kit component is available separately, it will be listed under the kit entry with a separate Federal Stock Number, issue, and allowance data.

*b.* Installation of special purpose kits is authorized under criteria defined in SB 9-16 for winterization kits, SB 9-155 for the deepwater fording kit, and SB 11-131 for the 100-ampere generator kit when certain radio equipment is authorized. When requisitioning these special purpose kits, the user is cautioned to take into consideration supply lead time. Refer to the appropriate vehicle modifications required to the vehicle prior to application of the kits.

*c.* Whenever an illustration appears in this manual without certain items being designated by a number callout, this means that these items are applied only at organizational maintenance level. Items of such will appear in TM 9-2320-208-20P.

**9. Abbreviations and Symbols**

*a. Abbreviations.*

adj.....	adjust(able)(ing)
al-alloy.....	aluminum alloy
al-oxide.....	aluminum oxide
alloy-S .....	alloy steel
amp.....	ampere(s)
amp-hr.....	ampere hour(s)
anld.....	annealed
anodic-fin.....	anodic-finish
approx.....	approximate(ly)
assy.....	assembly(ies)
b-hd.....	button head
bdg-hd.....	binding head
blk.....	black

blunt-pt.....	blunt point	lkg.....	locking
br.....	brass	low-carb-S.....	low carbon steel
brgt.....	bright	lt.....	light (weight)
btry.....	battery	lubr.....	lubricator, lubricating, lubrication
bz.....	bronze	mach.....	machine
cand-bay-base.....	candelabra bayonet base	max.....	maximum
cap.....	capacity	med.....	medium
cd- or zn-pltd.....	cadmium or zinc-plated	med-carb-S.....	medium carbon steel
cd-pltd.....	cadmium plated	MI.....	malleable iron
cham.....	chamfer(ed)	min.....	miniature, minimum, minute
CI.....	cast iron	min-bay-base.....	miniature bayonet base
ck.....	countersunk	mm.....	millimeter(s)
ck-hd.....	countersunk head	mtg.....	mounting(s)
c/l.....	center line	mtl.....	metal
cop.....	copper	NC.....	National Coarse Thread
cp.....	candle power	neg.....	negative
cr-pltd.....	chromium plated	NF.....	National Fine Thread
cross-recess-fil-hd.....	cross-recess fillister head	ni.....	nickel
cross-recess-oval-hd.....	cross-recess oval head	ni-alloy-S.....	nickel alloy steel
cross-recess-pan-hd.....	cross-recess pan head	ni-pltd.....	nickel plated
crown-hd.....	crown head	No.....	number(s)
ctd.....	coated	nom.....	nominal
dbld.....	double	non-rvrs.....	nonreversible
dbld-fil.....	double filament	NPT.....	National Taper Pipe Threads
deg.....	degree(s)	NPTF.....	National Taper Pipe Threads (Dry-seal)
dia.....	diameter	NS.....	National Special Thread
dld.....	drilled	od.....	olive drab, outside diameter (dimension)
dld-f/c-pin.....	drilled for cotter pin	oval-hd.....	oval head
dld-sq-hd.....	drilled square head	oz.....	ounce(s)
ea.....	each	p-bz.....	phosphor bronze
ext-strong.....	extra strong	pan-hd.....	pan head
ext-teeth.....	external teeth (lockwasher)	phos-ctd.....	phosphate coated
F.....	Fahrenheit	pltd.....	plated
Fed.....	Federal	pos.....	positive
Fed Spec.....	Federal Specification	psi.....	pounds per square inch
fig.....	figure(s)	rd-end.....	round end
fil.....	filament(s)	rd-hd.....	round head
fil-hd.....	fillister head	rect.....	rectangular
fin.....	finish	reg.....	regular
fl.....	flat	retn.....	retaining
fl-ck-hd.....	flat countersunk head	rh.....	right hand
fl-pt.....	flat point	rte.....	ratchet
gal.....	gallon(s)	S.....	steel
gimlet-pt.....	gimlet point	sec.....	section(s)
glvd.....	galvanized	sgle-cond.....	single conductor
h.....	height, high	sgle-contact.....	single contact
hd.....	head	sgle-end.....	single end
hdls.....	headless	sgle-fil.....	single filament
hex.....	hexagon(al)	shk.....	shank
hex-hd.....	hexagon head	sh-met.....	sheet metal
hex-socket.....	hexagon socket	sh-met-thd.....	sheet metal thread(s)
hv-duty.....	heavy duty	sld.....	slotted
hyd.....	hydraulic	sld-hd.....	slotted head
id.....	inside diameter	sp-gr.....	specific gravity
ins.....	insulated, insulating, insulator	sq.....	square
int-ext-teeth.....	internal-external teeth	sq-drive.....	square drive
int-teeth.....	internal teeth	sq-end.....	square end
lb.....	pound(s)	sq-hd.....	square head
lg.....	length (long)	sq-socket.....	square socket
lh.....	left hand		
lht.....	left-hand thread		



std.....	standard
stght.....	straight
syn-ru.....	synthetic rubber
tapd.....	tapered
tee-hdl.....	tee handle
temp.....	temperature
thd.....	thread(ed)(s)
thk.....	thick(ness)
tnd-bz.....	tinned bronze
tnd-cop.....	tinned copper
tubr.....	tubular
UNC.....	Unified National Coarse
UNF.....	Unified National Fine
v.....	volts
wd.....	wide
w/.....	with
w/o.....	without
wtrprf.....	waterproofed
x.....	by(as in 2 x 4)
zn.....	zinc
zn-dichromate-fin.....	zinc dichromate finish
zn-pltd.....	zinc plated

*b. Symbols.*

- ☆☆ Indicates items available as part of kit or set.
- ‡ As required
- ☆ Item available separately.

**10. Explanation of Codes**

*a. Source Code.*

- P—Applies to repair parts which are high mortality parts; procured by materiel control agencies stocked in and supplied from the Army depot system, and authorized for use at indicated categories of maintenance.
- C—Applies to repair parts authorized for local procurement. If not obtainable from local procurement, such repair parts will be requisitioned through normal supply channels with a supporting statement of nonavailability from local procurement.
- M—Applies to repair parts which are not procured or stocked but are to be manufactured by using units at indicated maintenance echelons.
- P1—Applies to repair parts which are low mortality parts; procured by materiel control agencies and authorized for installation at indicated categories of maintenance.

*b. Maintenance Code.*

- O Organizational Maintenance
- F Field Maintenance Direct Support
- H Field Maintenance General Support

*c. Recoverable Code.*

R—Indicates a repair part or assembly that is expendable and recoverable and is economically repairable and, when available, is furnished by supply on an exchange basis and which may be placed in "ready for issue" condition by one or more of the refinishing, cleaning, replating, anodizing, adjusting, welding, etc., processes.

**11. Manufacturers' Symbols**

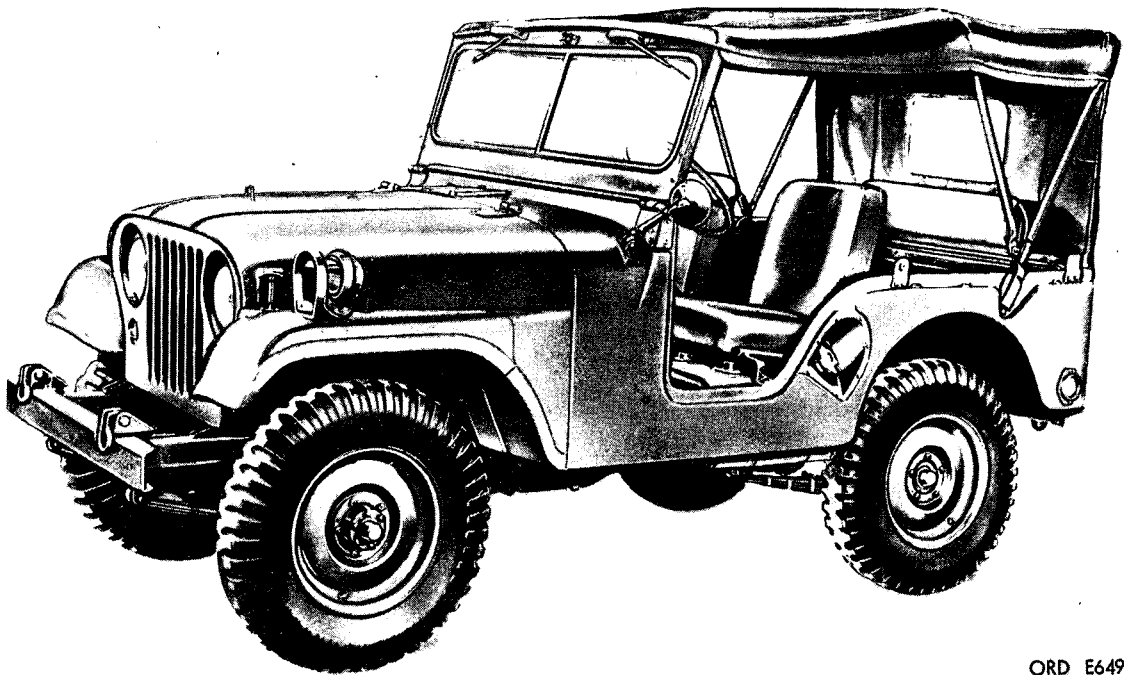
- 16764 Delco-Remy Division of General Motors Corp., Anderson, Indiana
- 18970 E. A. Laboratories, Inc., Brooklyn, N.Y.
- 19728 Electric Auto-Lite Co., Toledo, Ohio
- 24617 General Motors Corp., Detroit, Michigan
- 35510 Leece Neville Co., Cleveland, Ohio
- 58275 Studebaker Division of Studebaker Packard Corp., South Bend, Indiana
- 65909 Willys Motors Inc., Toledo, Ohio
- 71500 Carter Carburetor Division of ACF Industries, Inc., St. Louis, Mo.
- 77220 Perfect Circle Co., Hagerstown, Indiana
- 80244 General Service Administration, Washington, D.C.
- 96906 Military Standards

**12. Suggestions and Recommendations**

The direct reporting by the individual user of errors, omissions, and recommendations for improving this manual is authorized and encouraged. DA Form 2028 (Recommended Changes to DA Publications) will be used for reporting these improvement recommendations. This form will be completed using pencil, pen, or typewriter, and forwarded direct to Commanding General, U.S. Army Tank-Automotive Center, ATTN: SMOTA-MS, Warren, Mich., 48090.

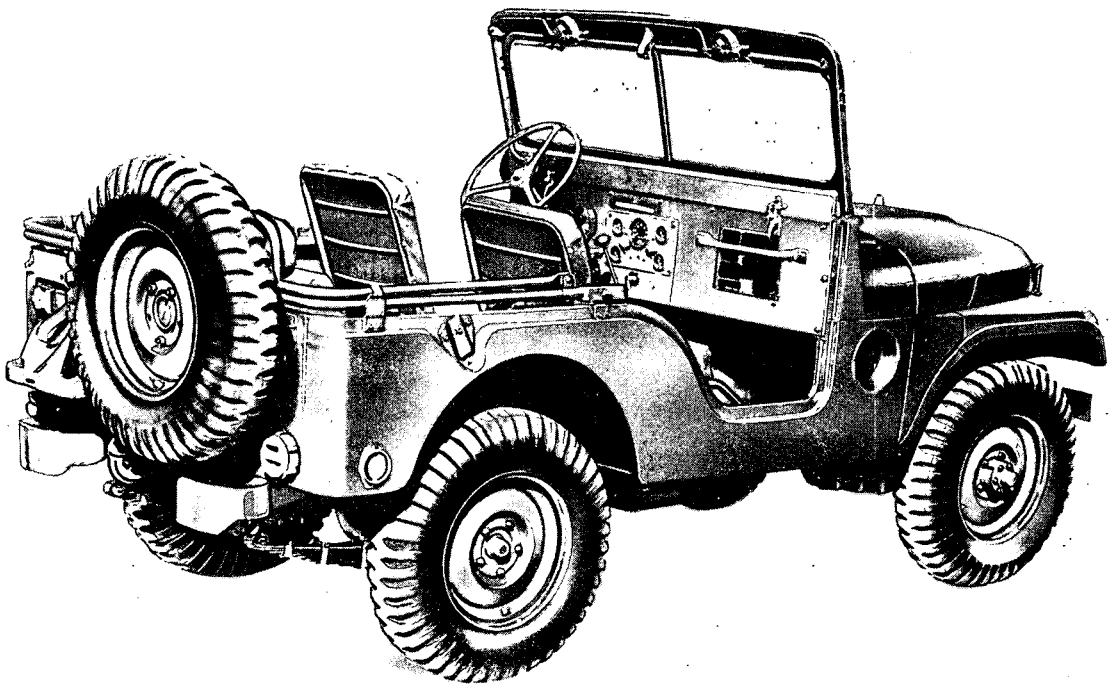
**13. Special Tool Kits For Ordnance Personnel**

Special tools required by Ordnance organizations for maintenance of the major item are issued as required. Applicable tool kits are listed in section III.



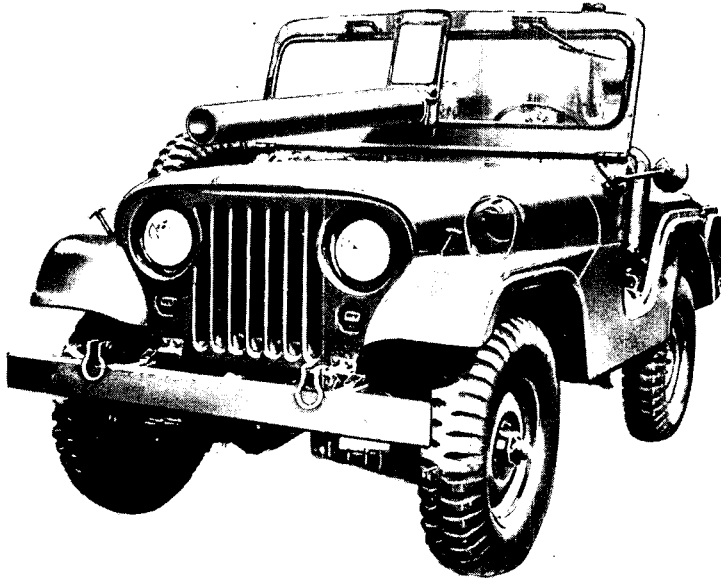
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Figure 1. Truck, utility: 1/4-ton, 4 x 4, M38A1—left front view, top up.



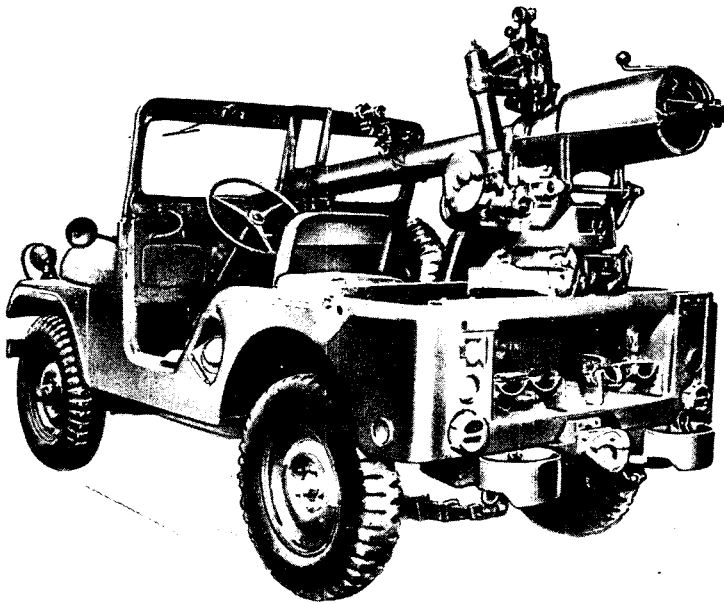
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Figure 2. Truck, utility: 1/4-ton, 4 x 4, M38A1—right rear view, top down.



ORD E64927

Figure 3. Truck, utility: 1/4-ton, 4 x 4, M38A1C—left front view.



ORD E64928

Figure 4. Truck, utility: 1/4-ton, 4 x 4, M38A1C—left rear view.

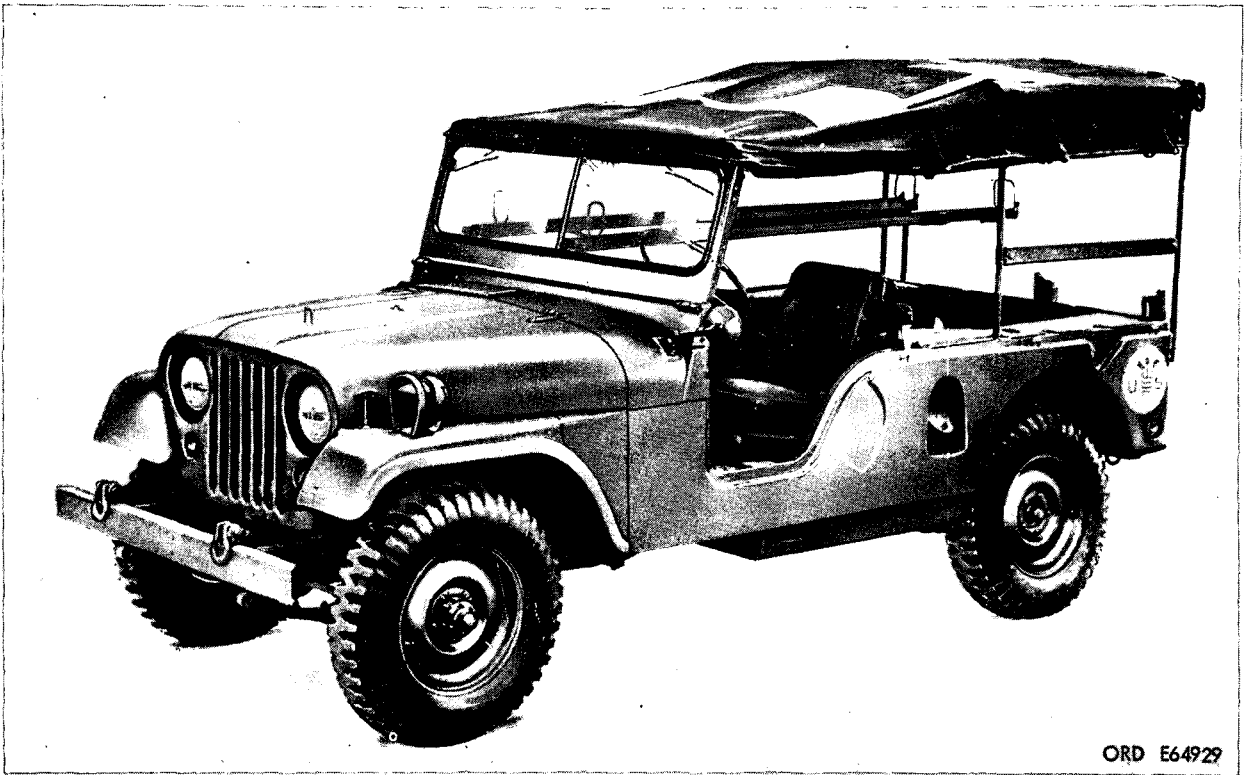


Figure 5. Truck, ambulance: front line, 1/4-ton, 4 x 4, M170—left front view, top up.

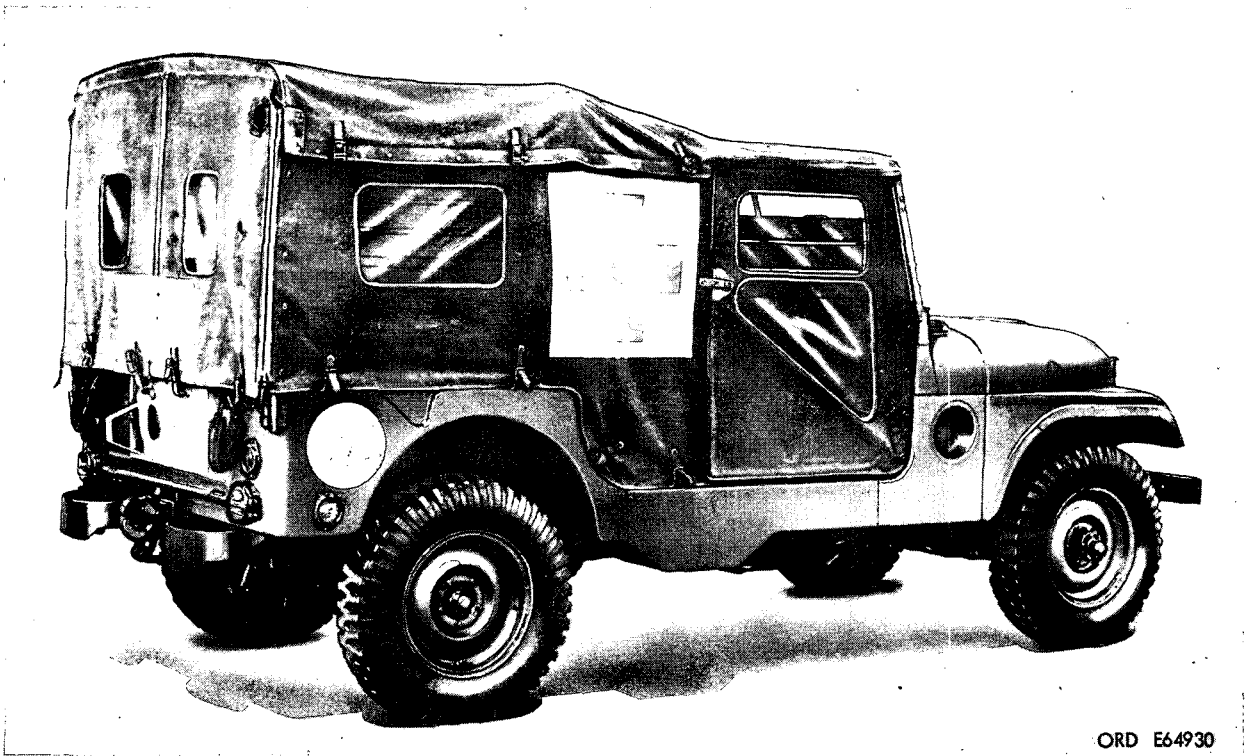


Figure 6. Truck, ambulance: front line, 1/4-ton, 4 x 4, M170—right rear view, top up.



## SECTION II DIRECT AND GENERAL SUPPORT REPAIR PARTS

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint slw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance Level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
							<b>01—ENGINE</b>					
							<i>0100—ENGINE ASSEMBLY AND SHIPPING CONTAINER (NONILLUSTRATED)</i>					
			P	F	R	2805-649-8552	ENGINE: w/container, assy shipping and storage (5702361). Composed of: 1 CONTAINER, metal (8723200) 1 ENGINE, w/accessories (8328393)	ea	1			
		KZ	C	F	---	2590-699-9016	CABLE: stay, assy (8328043)-----	ea	1			
			P	F	---	5310-696-5177	NUT, ASSEMBLED WASHER: hex, ext-teeth lock washer, S, cd- or zn-pltd, 3/8, 24NF-2B, 1/16 w, 27/64 thk (271193).	ea	2			
			C	F	---	2805-397-9008	GASKET SET: valve grind (8328395)-----	ea	†			
			P	O	---	2910-291-6964	Composed of: 1 GASKET, carburetor insulator (☆) (8329828)					
			P	O	---	2805-307-8857	1 GASKET, cylinder head (☆) (65909-807036)					
							1 GASKET, exhaust manifold center (65909-648935)					
							2 GASKET, exhaust manifold ends (65909-648795)					
			C	O	---	5330-360-7970	1 GASKET, exhaust pipe flange (☆) (65909-634814)					
			C	O	---	5330-360-7418	1 GASKET, valve compartment cover (☆) (65909-630305)					
			C	O	---	5330-291-9013	4 GASKET, valve compartment cover screw and rocker arm cover stud (☆) (8329873)					
			C	O	---	2805-040-2543	1 GASKET, rocker arm cover (☆) (65909-648798)					
			C	O	---	2805-360-7927	1 GASKET, vent body to valve compartment cover (☆) (7371272)					
			C	O	---	2930-699-9021	1 GASKET, thermostat housing (☆) (8328456)					
			C	H	---	2805-025-6979	GASKET SET: engine overhaul (8328394)-----	ea	†			
			P	O	---	2805-307-8857	Composed of: 1 GASKET, cylinder head (☆) (8328463)					
			P	O	---	5330-360-7970	1 GASKET, exhaust pipe flange (☆) (7048792)					
			C	O	---	2930-699-9021	1 GASKET, water outlet elbow (☆) (8328456)					

(1) Illustration		(2) Source, maint and recoverability code				(3)	(4)	(5)	(6)	(7) 15-day maint alw per 100 equip		(8)
(a) Fig. No.	(b) Item No.	(a) Materiel code	(b) Source	(c) Maintenance level	(d) Recoverability	Federal stock No.	Description	Unit of issue	Qty inc in unit	(a) Dir sup	(b) Gen sup	Depot maint guide per 100 equip
							01—ENGINE—Continued					
							<i>0100—ENGINE ASSEMBLY AND SHIPPING CONTAINER (NONILLUSTRATED)—Continued</i>					
			C	O	----	5330-360-7918	1 GASKET, valve spring cover (☆) (7388108)					
			C	O	----	2805-040-2543	1 GASKET, valve rocker cover (☆) (8329716)					
			C	O	----	5330-291-9013	4 GASKET, valve cover & rocker cover stud (☆) (8329873)					
							2 GASKET, exhaust manifold (end) (8329750)					
							1 GASKET, exhaust manifold (center) (8329751)					
			C	O	----	2910-291-6964	1 GASKET, carburetor insulator (☆) (8329828)					
			C	O	----	2805-360-7927	1 GASKET, ventilator to valve cover (☆) (7371272)					
			C	F	----	2805-360-7941	1 GASKET, gear cover (☆) (7371159)					
			C	F	----	2805-737-5028	1 SEAL, crankshaft front end oil (☆) (7375028)					
			C	H	----	2805-737-2560	2 SEAL, crankshaft rear bearing (upper & lower) (☆) (7372560)					
							2 PACKING, crankshaft bearing cap—rear (7371281)					
							1 GASKET, cylinder block—front (774-1427)					
							1 GASKET, oil pan (7371283)					
							1 GASKET, drain plug (7376904)					
							1 GASKET, oil float support (7371267)					
			C	F	----	2805-360-7950	1 GASKET, oil pump to cylinder block (☆) (7372587)					
							1 GASKET, oil pump cover (7744324)					
			P	O	----	2930-354-3772	1 GASKET, water pump to cylinder block (☆) (7411250)					
			C	O	----	2910-576-4259	2 GASKET, fuel pump to cylinder block (☆) (5261672)					
							<i>0101—ENGINE BLOCK AND RELATED PARTS (fig. 7)</i>					
7	5	----	C	F	----	2805-737-5028	SEAL: oil cover☆☆, gasket set, 2805-025-6979 (7375028).	ea	1			
7	15	----	C	F	----	2805-040-1876	GASKET: cylinder block to engine rear end plate (8328049).	ea	1			
7	19	----	C	F	----	2805-040-1875	GASKET: engine rear end plate to bell housing (8328048).	ea	1			

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability					(a) Dir sup	(b) Gen sup	
							01—ENGINE—Continued 0101—ENGINE BLOCK AND RELATED PARTS (fig. 7)—Continued NONILLUSTRATED ITEM					
			X1	H	----	2510-040-2486	REINFORCEMENT: engine rear end plate, right (8328484).	ea	1			

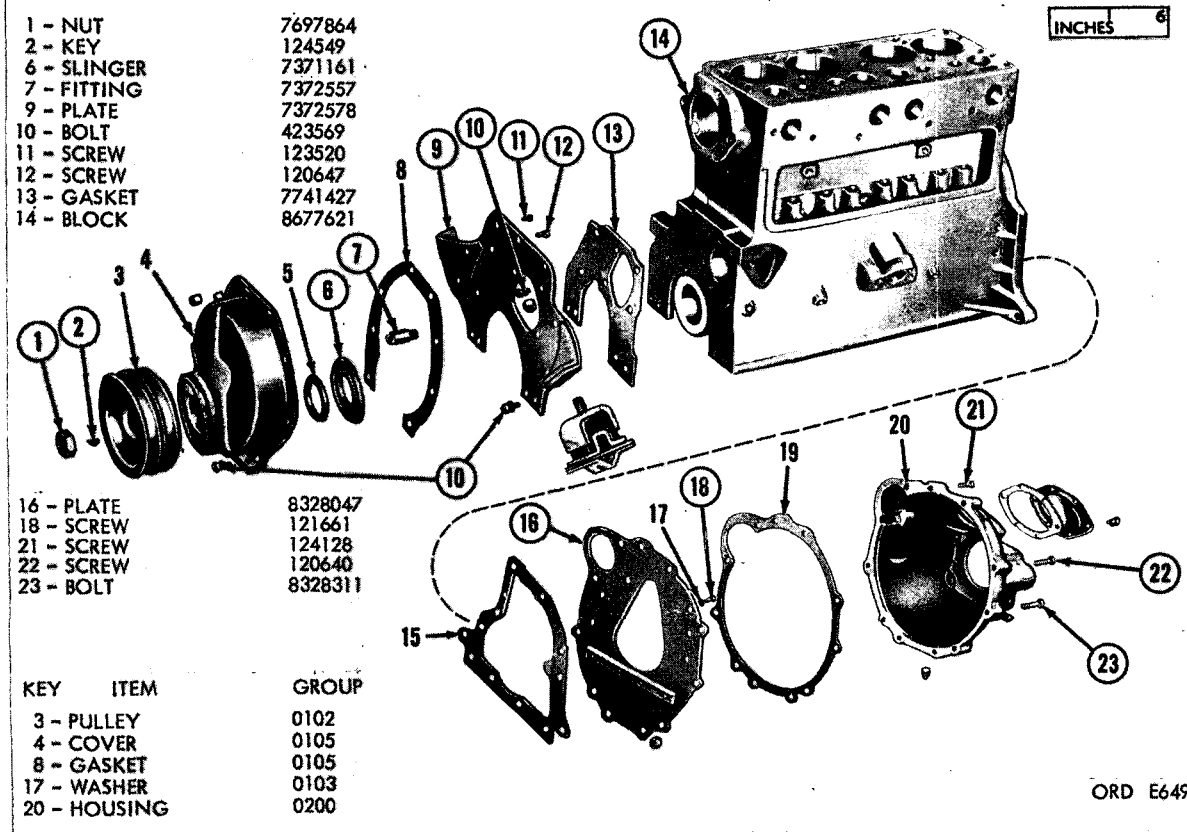
NON-SUPPLY ITEMS

KEY ITEM PART NO.

- 1 - NUT 7697864
- 2 - KEY 124549
- 6 - SLINGER 7371161
- 7 - FITTING 7372557
- 9 - PLATE 7372578
- 10 - BOLT 423569
- 11 - SCREW 123520
- 12 - SCREW 120647
- 13 - GASKET 7741427
- 14 - BLOCK 8677621

- 16 - PLATE 8328047
- 18 - SCREW 121661
- 21 - SCREW 124128
- 22 - SCREW 120640
- 23 - BOLT 8328311

- KEY ITEM GROUP
- 3 - PULLEY 0102
  - 4 - COVER 0105
  - 8 - GASKET 0105
  - 17 - WASHER 0103
  - 20 - HOUSING 0200



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Figure 7. Engine block and related parts—exploded view.



(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
8	8	----	C	H	----	2805-535-6678	<p><i>01—ENGINE—Continued</i></p> <p><i>0101—CYLINDER HEAD AND RELATED PARTS (fig. 8)</i></p> <p>GUIDE, ENGINE POPPET VALVE: intake valve (8329691).</p>	ea	4			

NON-SUPPLY ITEMS

KEY	ITEM	PART NO.
1	PLUG	103877
2	HEAD	8677437
3	NIPPLE	7372808
4	STUD	8329679
5	STUD	178453
6	CONNECTOR	137404
7	PLUG	103868

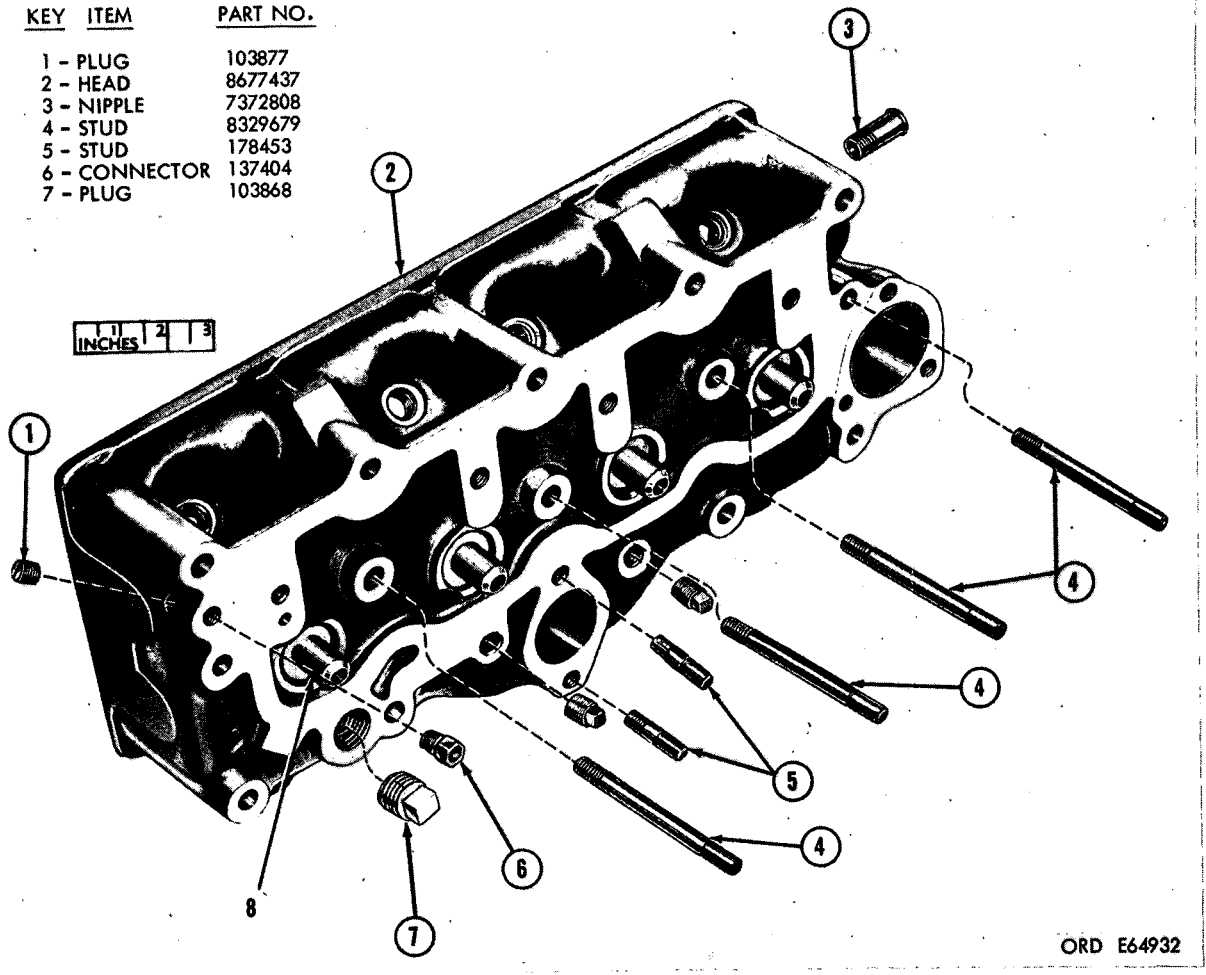


Figure 8. Cylinder head and related parts—exploded view.

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Materiel code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
							<i>01—ENGINE—Continued</i>					
							<i>0102—CRANKSHAFT AND RELATED PARTS (fig. 9)</i>					
9	2	---	C	F	---	2805-774-1414	SPACER: camshaft gear (7741414).....	ea	1			
9	5	---	C	H	---	2805-661-5627	WASHER: thrust (7371160).....	ea	1			
9	6	---	C	H	---	2805-360-7886	SHIM: front 0.002 (7371226).....	ea	†			
9	7	---	P	R	---	2805-774-4473	CRANKSHAFT: w/dowel assy (7744473).....	ea	1			
9	8	---	P	H	---	2805-423-3071	BEARING SET: standard (7371493).....	ea	1			
							Composed of:					
9	8.1	---			---		1 BEARING, center lower (7372565)					
9	8.2	---			---		1 BEARING, center upper (7372565)					
9	8.3	---			---		1 BEARING, front lower (7372564)					
9	8.4	---			---		1 BEARING, front upper (7372564)					
9	8.5	---			---		1 BEARING, rear lower (7372566)					
9	8.6	---			---		1 BEARING, rear upper (7372566)					
7	3	---	P	F	---	2930-204-2252	PULLEY, GROOVE: drive, fan and generator on crankshaft four groove (use w/alternator, 2920-321-6364) (8699713).	ea	1			
7	3	---	C	F	---	2805-737-2558	PULLEY, GROOVE: drive, fan and generator twin groove (7372558).	ea	1			
							<i>NONILLUSTRATED ITEMS</i>					
			C	H	---	5306-360-4509	BOLT, MACHINE: bearing cap (7371227)....	ea	6			
			C	H	---	2805-737-2560	SEAL: oil, rear bearing, upper and lower (7372560).	ea	2			

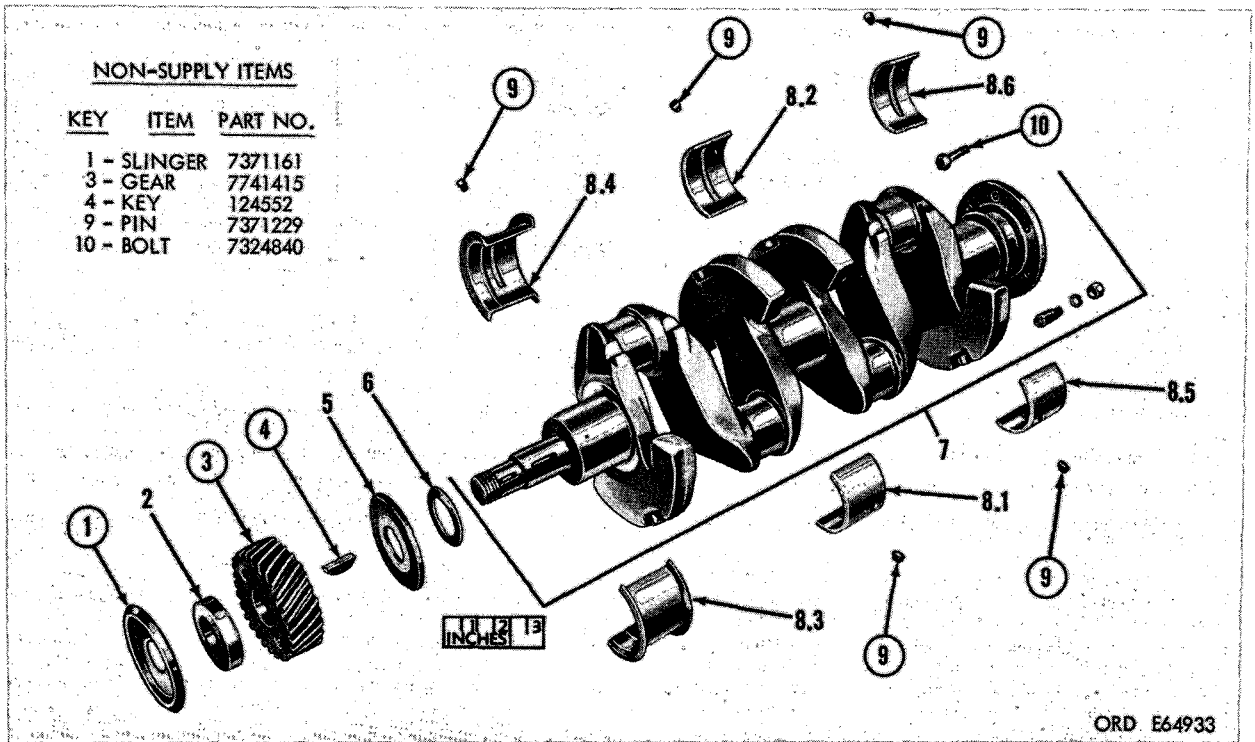


Figure 9. Crankshaft and related parts—exploded view.

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
<i>01—ENGINE—Continued</i>												
<i>0103—FLYWHEEL ASSEMBLY (fig. 10)</i>												
10	1	---	C	F	---	2805-025-6976	GEAR: ring (8328046).....	ea	1			
			P	F	---	5310-013-8549	WASHER, LOCK: int-teeth, S, cd- or zn-pltd 1/2 screw size (flywheel mounting dowel screw) (138549).	ea	2			
			P	F	---	5310-011-4496	NUT/PLAIN, HEXAGON: S, plain fin., 1/2-20UNF-2B, 3/4 w, 5/16 thk (flywheel mounting dowel bolt) (114496).	ea	2			
10	4	---	P	F	---	5310-543-5653	NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, 3/8-24UNC-2B, 9/16 w, 21/64 thk (flywheel mounting bolt) (120369).	ea	4			
10	5	---	P	F	---	5310-639-8062	WASHER, LOCK: ext-teeth S, cd- or zn-pltd, 3/8 screw size (flywheel mounting bolt) (138489).	ea	4			
7	17	---	P	F	---	2520-695-7243	WASHER: special, engine rear place lock-washer type, external teeth copper (A226060).	ea	6			
<i>NONILLUSTRATED ITEMS</i>												
			P	H	---	5305-012-2007	SCREW, CAP, HEXAGON HEAD: low-carb, S, cd- or zn-pltd, 5/16-18UNC-2A x 3/4 (122007).	ea	2			
			P	H	---	5305-017-2427	SCREW, TAPPING, THREAD CUTTING: hex-hd, sltd-blunt-pt, S, cd- or zn-pltd, 1/4-20 x 1/2 (172427).	ea	4			
			C	F	---	5306-274-0949	BOLT MACHINE CAP: hex-hd, 5/16-18NC-2 x 1/6 (7324841).	ea	6			
			P	F	---	5310-012-0638	WASHER, LOCK: spl: 1, hd, S, cd- or zn-plated, 5/16 screw size (120638).	ea	6			

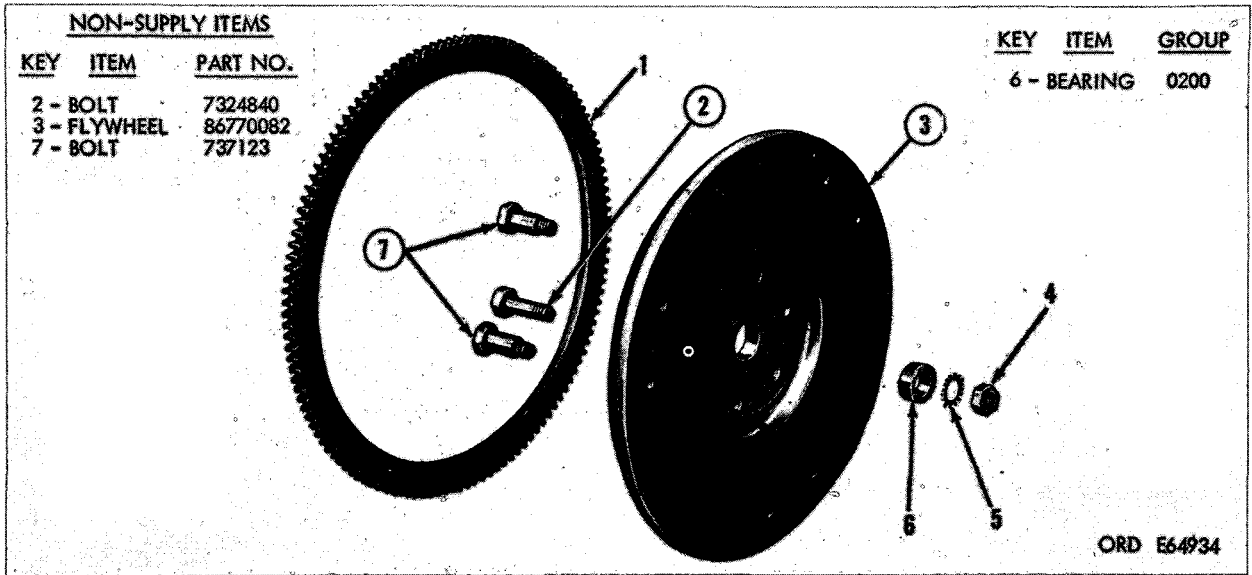
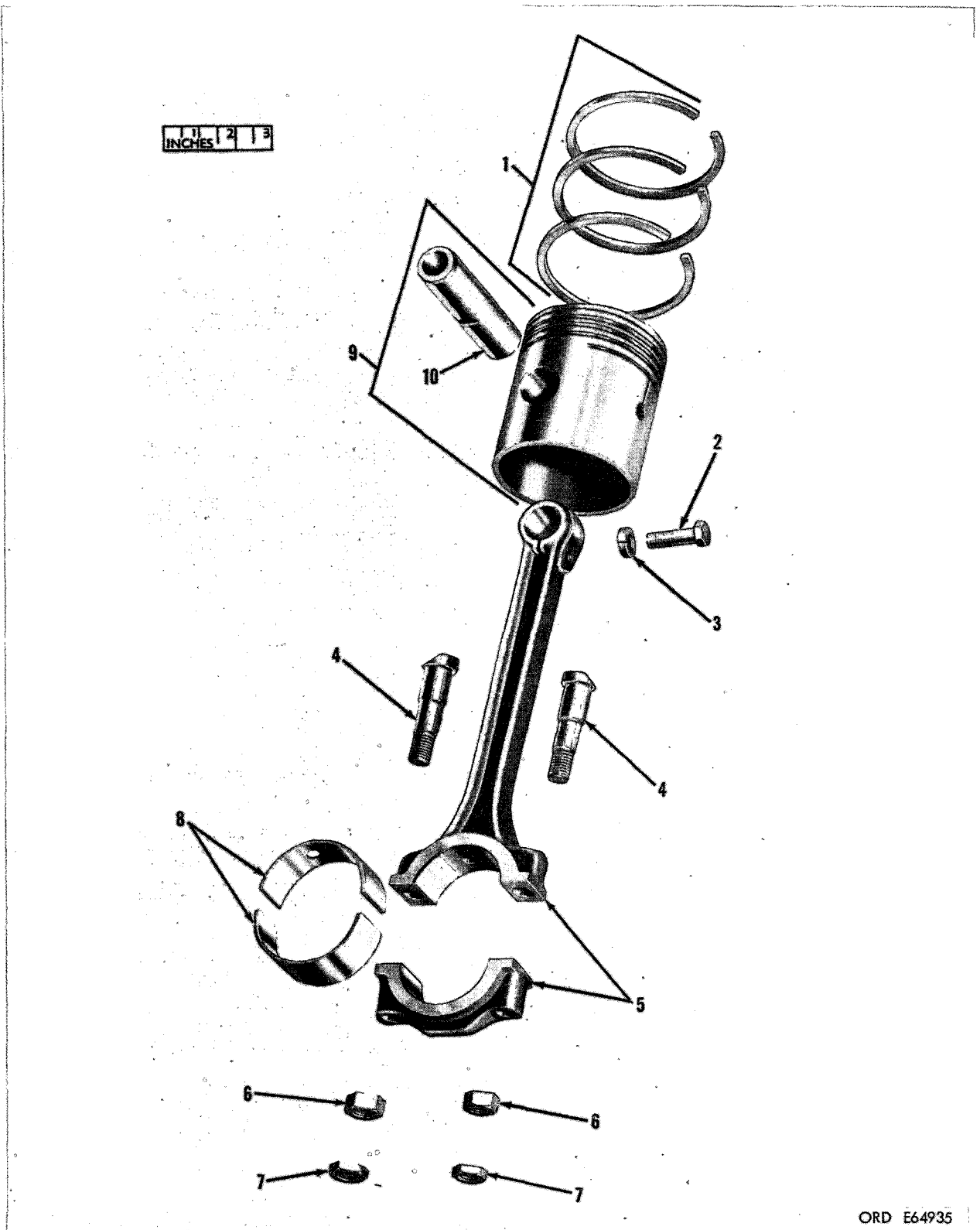


Figure 10. Flywheel assembly—exploded view.

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Ftg. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
<i>01—ENGINE—Continued</i>												
<i>0104—PISTON, CONNECTING ROD AND RELATED PARTS (fig. 11)</i>												
11	1	---	C	H	---	2805-625-6278	RING SET, PISTON: standard (5702260)----- Composed of: 8 RAIL, oil ring chrome, No. 3 groove (77220-LC302-0-138-S) 4 RING, compression, No. 1 groove (77220-C2RR302-33-S143S) 4 RING, compression, No. 2 groove 4 SPACER, oil ring, No. 3 groove (77220-9-302-500)	ea	1			
11	2	---	C	H	---	5306-275-1597	BOLT: lock, piston pin (7324840)-----	ea	4			
11	3	---	P	H	---	5310-637-9541	WASHER, LOCK: split, med, S, cd- or zn-pltd, 3/8 screw size piston pin bolt (96906-35338-46).	ea	4			
11	4	---	C	F	---	2805-569-8488	BOLT: connecting rod cap 3/8-24NF-2 x 2 1/4 (7744471).	ea	8			
11	5	---	C	H	---	2805-360-7917	ROD, CONNECTING, ENGINE: w/o bearing, (No. 1 and 3) (7743751).	ea	2			
11	5	---	C	H	---	2805-354-3784	ROD, CONNECTING, ENGINE: w/o bearing, assy No. 2 and 4 (7743752).	ea	2			
11	6	---	C	F	---	5310-774-4472	NUT, PLAIN, HEXAGON: connecting rod cap bolt hex, S, 3/8-24NF-3 (7744472).	ea	8			
11	7	---	P	F	---	5310-010-7823	NUT, STAMPED: hex, 9-notch, S, cd- or zn-pltd, 3/8-24NF, 1/16 w, 0.130 thk connecting rod cap bolt (107823).	ea	8			
11	8	---	P	F	---	2805-570-1528	BEARING SET: connecting rod (for one engine) standard (8330745). Composed of: 8 BEARING one half (65909-639862)	ea	1			
11	9	---	C	H	---	2805-737-2873	PISTON, INTERNAL COMBUSTION: w/ pin, assy standard (7372873).	ea	4			
11	10	---	C	H	---	2805-262-9758	PIN: piston standard (7371144)-----	ea	4			



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Figure 11. Piston and connecting rod and related parts—exploded view.



(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
<i>01—ENGINE—Continued</i>												
<i>0105—VALVES, SPRINGS, ROCKER ARMS, AND RELATED PARTS (fig. 12)</i>												
12	7	---	C	F	---	2805-391-3100	ARM: rocker, left, assy (8329710)-----	ea		2		
12	10	---	C	F	---	5305-270-7331	SET SCREW: rocker arm shaft (8329719)-----	ea		2		
12	13	---	C	F	---	2805-391-3101	ARM: rocker, right, assy (8529711)-----	ea		2		
12	15	---	C	F	---	5305-392-4811	SCREW: adjusting, intake valve rocker arm (8329718).	ea		8		
12	16	---	C	F	---	2805-360-7922	LOCK: intake valve spring retainer used w/ valve (7371238).	ea		8		
12	17	---	C	F	---	2805-386-3419	RETAINER: intake valve spring, upper (8329693).	ea		4		
12	18	---	P	F	---	5330-050-1220	PACKING, PREFORMED: O-ring, class B material high flexibility, 1/16 thk, 3/8 id oil, valve spring retainer (501220).	ea		4		
12	19	---	C	F	---	2805-532-9075	SPRING: intake valve (8329695)-----	ea		4		
12	21	---	P	F	---	2805-293-9701	VALVE POPPET: intake (8329697)-----	ea		4		
12	22	---	C	H	---	2805-391-3095	TAPPET: intake valve (8330225)-----	ea		4		
12	23	---	C	H	---	2805-737-2585	TAPPET: exhaust valve (7372585)-----	ea		4		
12	23	---	C	H	---	2805-774-3569	TAPPET: exhaust valve, assy 0.004 oversize (7743569).	ea		4		
12	24	---	C	F	---	5305-737-1258	SCREW: adjusting, exhaust valve (7371258)---	ea		4		
12	25	---	C	F	---	2805-532-9041	ROTOCAP: assy used w/valve (8329518)-----	ea		4		
12	26	---	C	F	---	2805-397-9660	LOCK: exhaust valve spring retainer lower used w/valve (8329519).	ea		8		
12	27	---	C	F	---	2805-263-4539	SPRING: exhaust valve (7371235)-----	ea		4		
12	28	---	C	F	---	2805-293-9664	VALVE, POPPET ENGINE: exhaust used w/ lock 2805-397-9660 and rotocap (2805-532-9041) (8329517).	ea		4		
12	29	---	C	F	---	5307-207-5472	STUD, PLAIN: rocker arm shaft bracket (8329679).	ea		4		
7	4	---	C	F	---	2805-737-2576	COVER: timing gear, assy (7372576)-----	ea		1		
7	8	---	C	F	---	2805-360-7941	GASKET: cover (☆☆gasket set, 2805-025-6979) (7371159).	ea		1		
9	2	---	C	F	---	2805-774-1414	SPACER: camshaft gear (on crankshaft) (7741414).	ea		1		
NONILLUSTRATED ITEMS												
			C	H	---	2805-532-9046	GUIDE: exhaust valve (8328126)-----	ea		4		
			C	F	---	2805-495-9547	RING: retaining, cover packing (7372579)-----	ea		1		

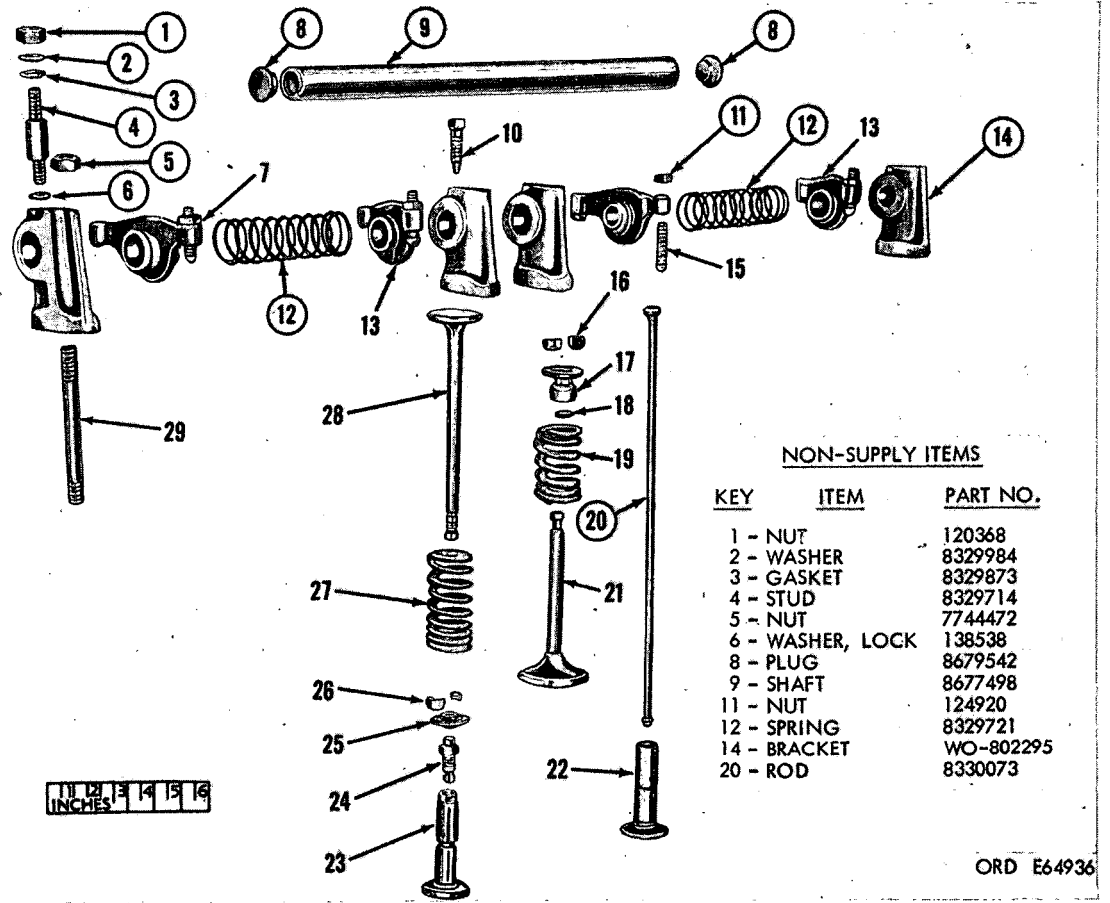


Figure 19. Valve springs, rocker arms and related parts—exploded view.

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
<i>01—ENGINE—Continued</i>												
<i>0105—CAMSHAFT AND RELATED PARTS (fig. 13)</i>												
13	1	---	P	F	---	5305-012-2260	SCREW, CAP, HEXAGON HEAD: low-carb-S, cd- or zn-pltd, 1/16-14UNC 2A x 1 1/8 (122260).	ea	1			
13	2	---	P	F	---	5310-013-6857	WASHER, LOCK: ext-teeth, S, cd- or zn-pltd, 1/16 screw size (136857).	ea	1			
13	3	---	C	F	---	5310-220-6496	WASHER, FLAT: plain (7741406)-----	ea	1			
13	4	---	C	F	---	2805-774-1415	GEAR, HELICAL: camshaft, drive (7741415)-----	ea	1			
13	5	---	C	F	---	2805-774-1419	GEAR: camshaft, driven (7741419)-----	ea	1			
13	6	---	P	F	---	5306-042-3569	BOLT, ASSEMBLED WASHER: hex-hd, ext-teeth lockwasher, S, cd- or zn-pltd, 3/8-16UNC 2A x 3/4 cover (423569).	ea	6			
13	8	---	C	H	---	2805-774-1407	SPACER: thrust plate (7741407)-----	ea	1			
13	9	---	C	H	---	2805-661-9115	BEARING: bushing type, front (7744319)-----	ea	1			
13	11	---	P	H	---	2805-391-3094	CAMSHAFT: assy (8329698)-----	ea	1			

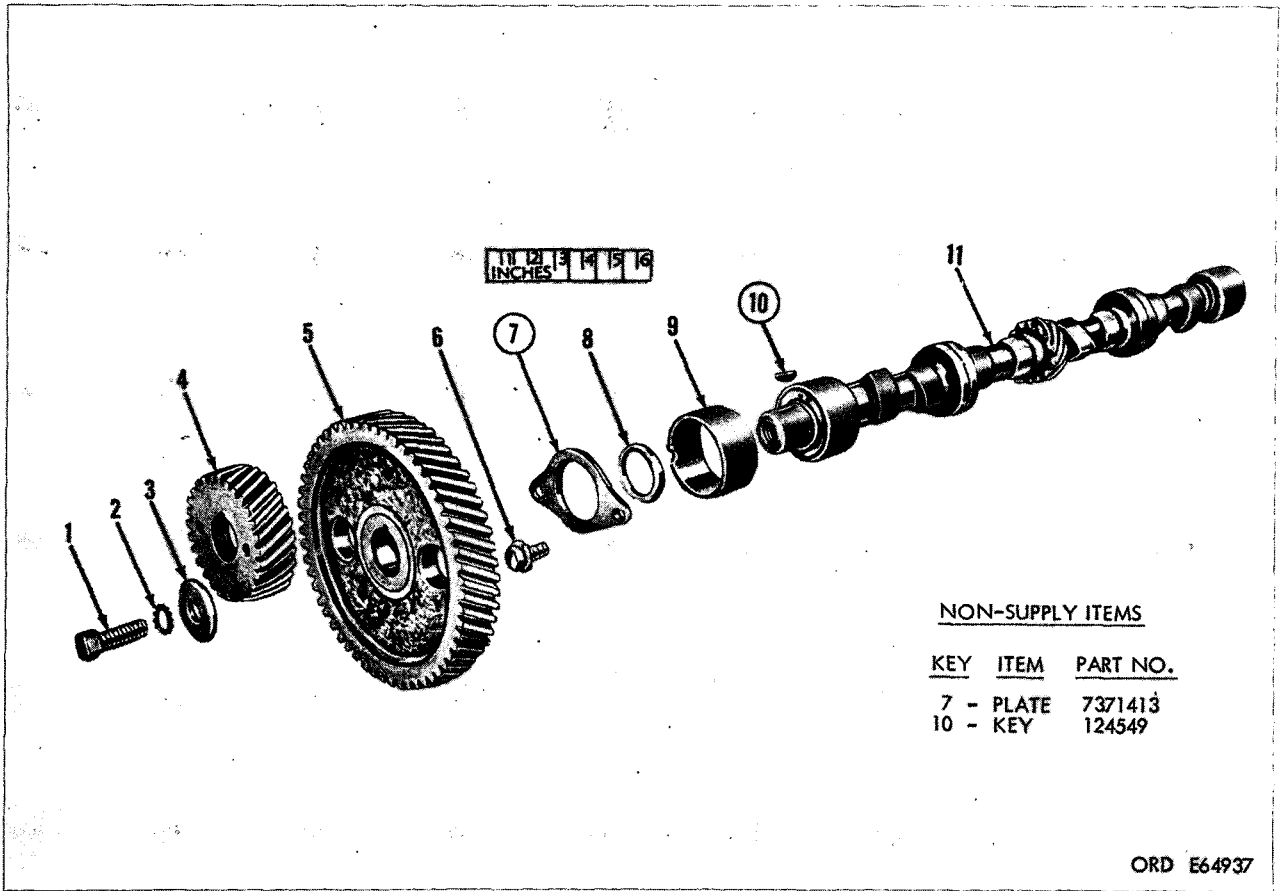


Figure 13. Camshaft and related parts—exploded view.

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Materiel code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
							<i>01—ENGINE—Continued</i>					
							<i>0106—ENGINE OIL PAN (fig. 14)</i>					
14	1	---	P	F	---	2805-361-7832	GASKET SET: oil pan (65909-A1538)-----	ea	1			
14	1.1	---			---	5330-543-6722	Composed of:					
14	1.2	---			---		1 GASKET, drain plug (☆) (105456)					
14	1.3	---			---		1 GASKET, oil pan (7371283)					
14	2	---	C	F	---	2805-495-9558	SUPPORT: oil strainer float (7371264)-----	ea	1			
14	3	---	P	F	---	5306-045-1975	BOLT, ASSEMBLED WASHER: hex-hd, split lockwasher, S, cd- or zn-pltd, 5/16-18UNC-2A x 3/4 (451975).	ea	2			
14	4	---	C	F	---	2805-495-9519	PAN: oil, assy (7371278)-----	ea	1			
14	5	---	P	F	---	5306-283-0406	BOLT, ASSEMBLED WASHER: hex-hd, split lockwasher, S, phos-ctd, 5/16-18UNC-2A x 5/8 (9409101).	ea	14			
14	6	---	P	F	---	5306-042-3563	BOLT, ASSEMBLED WASHER: hex-hd, ext-teeth lockwasher, S, cd- or zn-pltd, 5/16-18UNC-2A x 1 1/8 (423563).	ea	6			

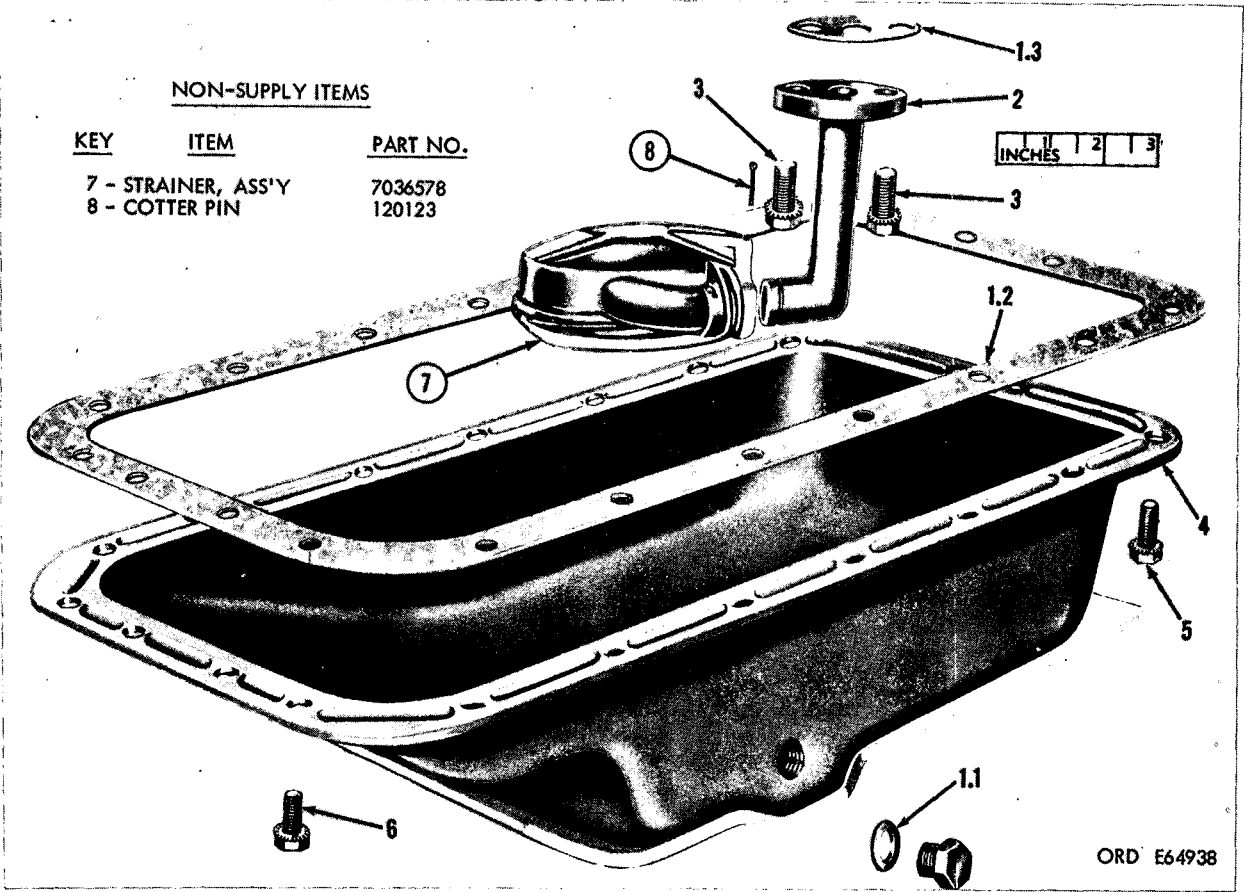


Figure 14. Engine oil pan—exploded view.

(1) Illustration		(2) Source, maint and recoverability code				(3)	(4)	(5)	(6)	(7) 15-day maint alw per 100 equip		(8)
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability	Federal stock No.	Description	Unit of issue	Qty inc in unit	(a) Dir sup	(b) Gen sup	Depot maint guide per 100 equip
15	1	---	C	F	---	2805-040-2527	<i>01—ENGINE—Continued</i> <i>0106—UPPER VENT SYSTEM (fig. 15)</i> PIPE: oil filler, assy (8329683)-----	ea	1			
			C	F	---	2805-040-2528	<i>NONILLUSTRATED ITEM</i> SPACER: oil filler pipe bracket (8329684)-----	ea	1			

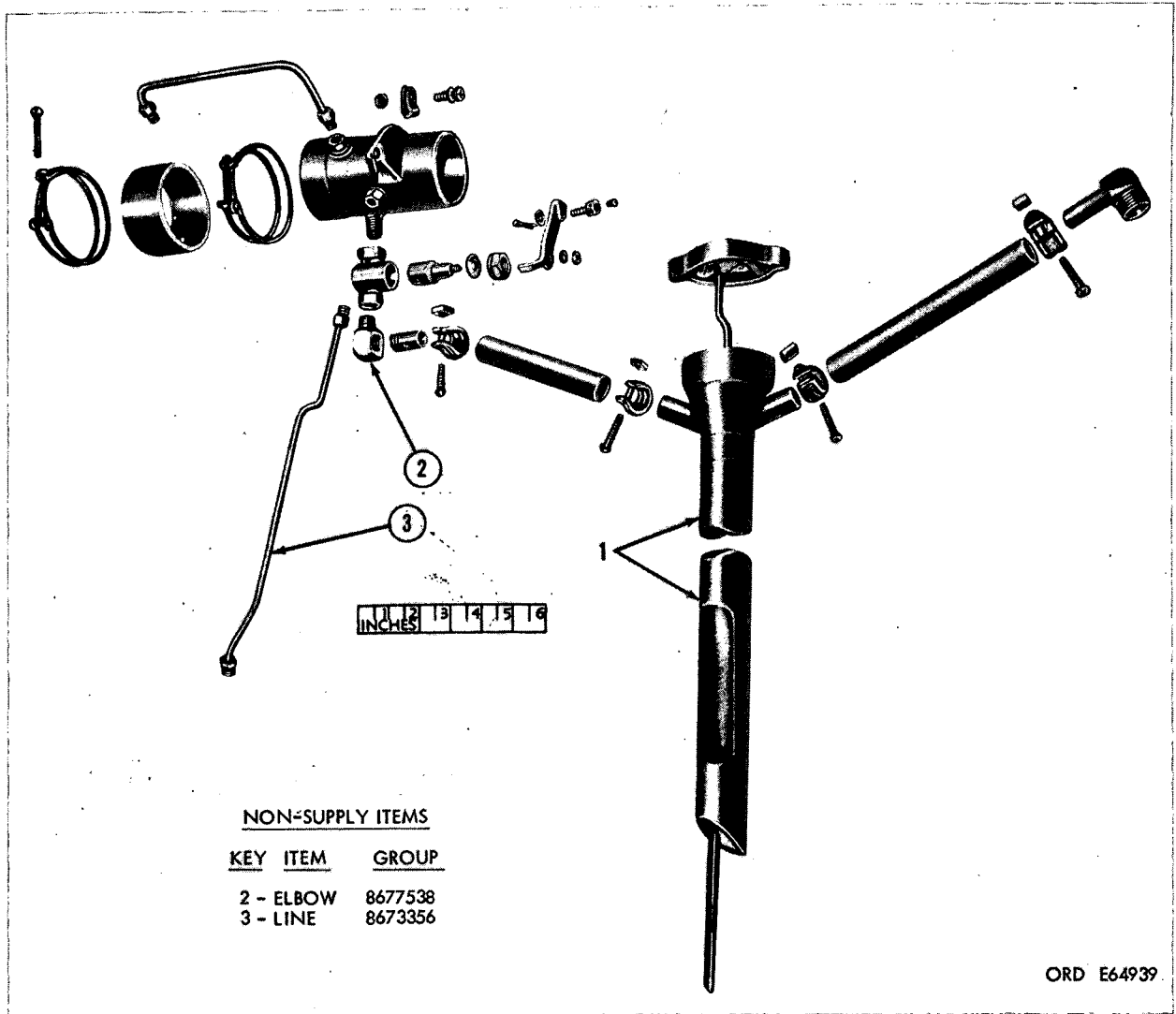


Figure 15. Upper vent system—exploded view.



(1) Illustration		(2) Source, maint and recoverability code				(3)	(4)	(5)	(6)	(7) 15-day maint alw per 100 equip		(8)
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability	Federal stock No.	Description	Unit of issue	Qty inc in unit	(a) Dir sup	(b) Gen sup	Depot maint guide per 100 equip
<i>01—ENGINE—Continued</i>												
<i>0106—OIL PUMP ASSEMBLY (fig. 16)</i>												
16	1	---	C	F	R	2805-737-6907	PUMP: oil, assy (7376907)-----	ea	1			
			P	F	---	5306-018-0091	BOLT, MACHINE: hex-hd, med-carb- S, cd- or zn-pltd, 5/16-18UNC-2A x 2 1/2 (180-091).	ea	2			
			P	F	---	5306-576-0537	BOLT, MACHINE: hex-hd, S, cd- or zn-pltd, 5/16-18UNC-2A x 1 (96906-35291-34).	ea	1			
			P	F	---	5310-012-0214	WASHER, LOCK: split, med, S, cd- or zn-pltd, 5/16 (120214) screw size (96906-35338-26).	ea	3			
16	11	---	C	F	---	2805-360-7950	GASKET: oil pump to cylinder block (☆☆ gasket sets, 2805-025-6979 and 2805-040-2458) (7372587).	ea	1			
16	14	---	C	F	---	2805-641-7404	GASKET: relief valve spring retainer (7371270).	ea	1			
16	16	---	C	F	---	2805-360-4522	PLUNGER: oil pressure relief valve (7371275).	ea	1			
<i>NONILLUSTRATED ITEM</i>												
			C	F	---	2805-360-4524	SHIM: oil pressure relief valve spring (7371268).	ea	†			

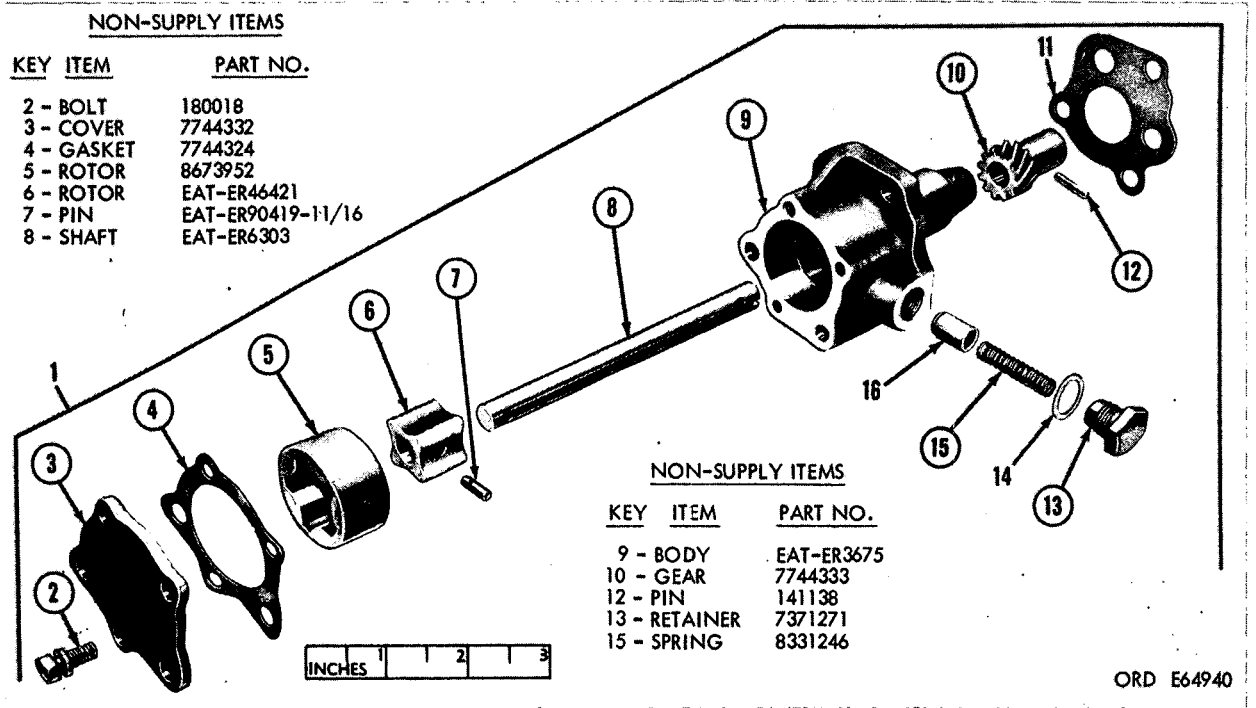
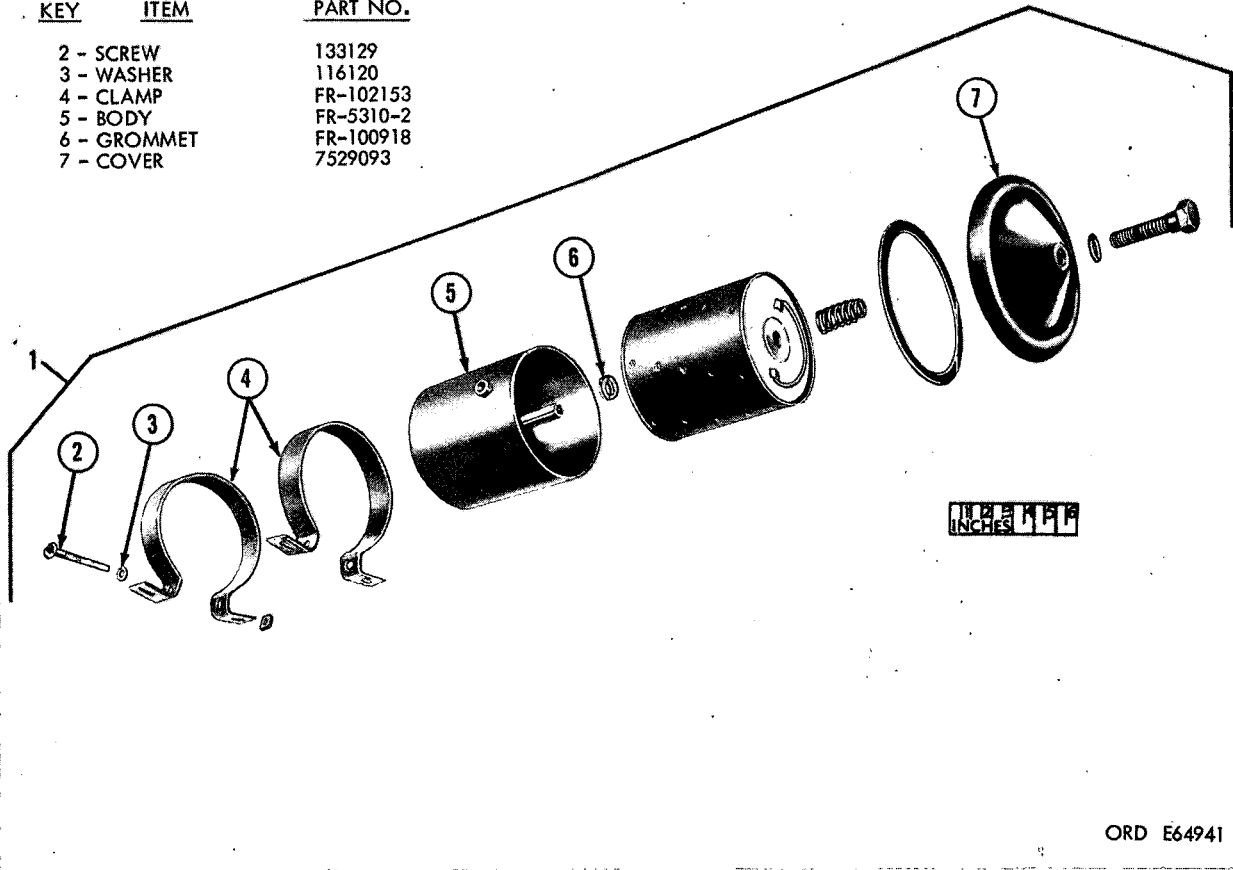


Figure 16. Oil pump assembly—exploded view.

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
<i>01—ENGINE—Continued</i>												
<i>0106—OIL FILTER ASSEMBLY (fig. 17)</i>												
17	1	----	P	F	R	2940-202-9653	FILTER, FLUID, PRESSURE: oil junior size w/o clamps (540501).	ea	1			
<i>NONILLUSTRATED ITEM</i>												
			P	F	----	5305-013-3053	SCREW, MACHINE: rd-hd, S, cd- or zn-pltd, ¼-20NC-2 x 1¼ sump (133053).	ea	1			

NON-SUPPLY ITEMS

<u>KEY</u>	<u>ITEM</u>	<u>PART NO.</u>
2	- SCREW	133129
3	- WASHER	116120
4	- CLAMP	FR-102153
5	- BODY	FR-5310-2
6	- GROMMET	FR-100918
7	- COVER	7529093



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Figure 17. Oil filter assembly—exploded view.

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
							<b>02—CLUTCH</b>					
							<i>0200—CLUTCH ASSEMBLY (fig. 18)</i>					
18	1	---	C	F	---	2520-737-2661	DISK: clutch, driven w/facing, assy (7372661)	ea	1			
18	2	---	P	H	---	2520-737-2663	PARTS KIT: repair, pressure plate (7372663)	ea	‡			
							Composed of:					
18	2.1	---			---		3 CUP, pressure spring (65909-800728)					
18	2.2	---			---		3 PIN, pressure plate release lever (65909-800040)					
18	2.3	---			---		3 LEVER, pressure plate release (65909-649972)					
18	2.4	---			---		3 CLIP, return (65909-801698)					
18	2.5	---			---		3 RETAINER, auxiliary spring (65909-802381)					
18	2.6	---			---		3 SPRING, auxiliary, pressure (65909-802380)					
18	2.7	---			---		3 SPRING, pressure (65909-649975)					
18	2.8	---			---		3 SCREW, adjusting (65909-649976)					
18	2.9	---			---		3 NUT, lock adjusting screw (65909-649977)					
18	2.10	---			---		3 WASHER, adjusting screw (65909-801641)					
7	20	---			---	2520-040-1889	HOUSING: bell assy (use w/engine, 2805-307-8853) (8328312).	a	1			
10	6	---	C	F	---	3120-360-7986	BEARING: bushing type, pilot (7371368)	ea	1			

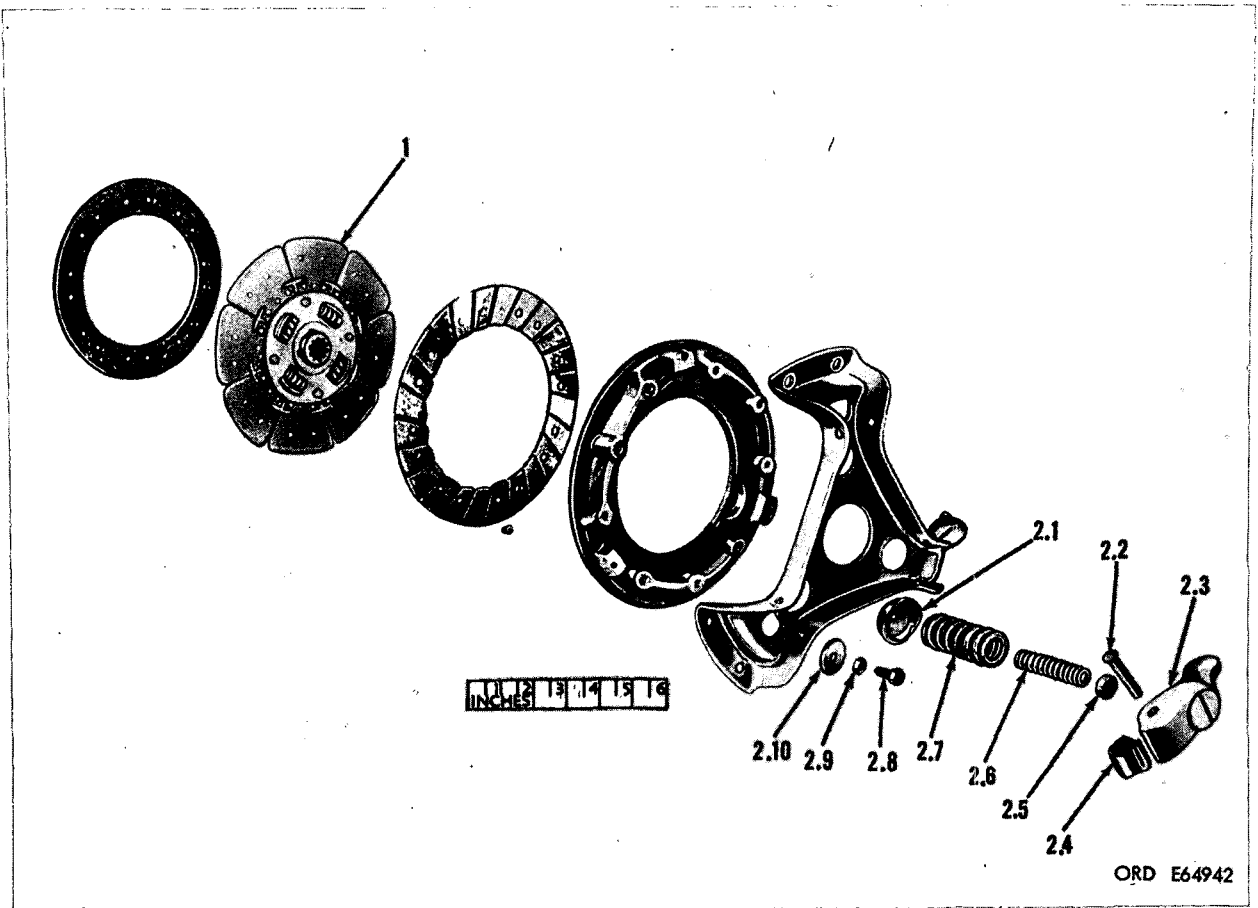
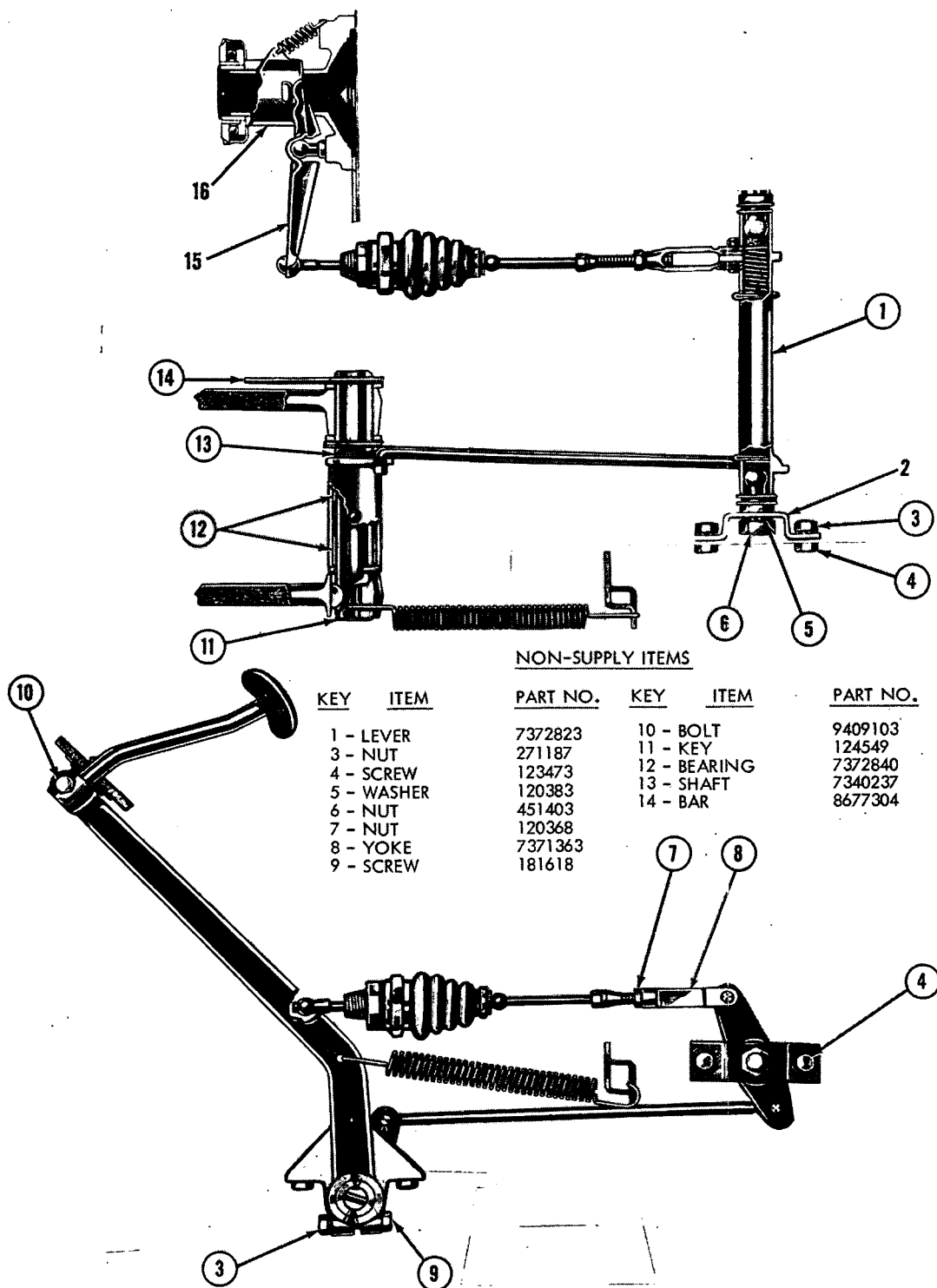


Figure 18. Clutch assembly—exploded view.

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
							<i>02—CLUTCH—Continued</i>					
							<i>0202—CLUTCH LINKAGE (fig. 19)</i>					
19	2	---	C	F	---	2520-736-8260	BRACKET: control tube on frame (7368260)---	ea	1			
19	15	---	C	F	---	2520-495-9555	FORK: release (7371338)-----	ea	1			
19	16	---	C	F	---	2520-737-1365	CARRIER, CLUTCH: release bearing (737-1365).	ea	1			
							<i>NONILLUSTRATED ITEM</i>					
			C	F	---	5307-495-9553	STUD: ball, release fork (7371339)-----	ea	1			



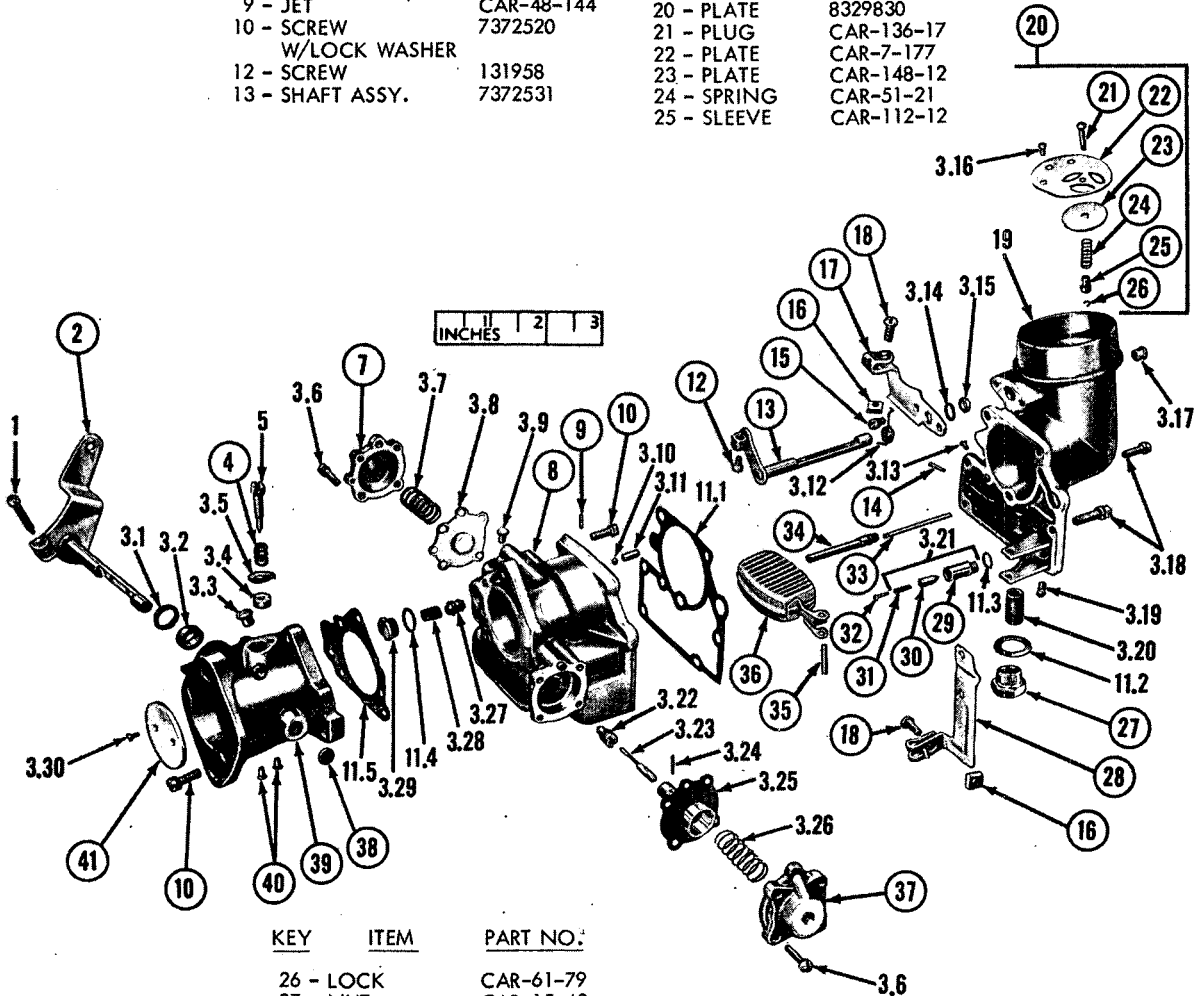
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Figure 19. Clutch linkage.



NON-SUPPLY ITEMS

KEY	ITEM	PART NO.	KEY	ITEM	PART NO.
2	SHAFT ASSY.	8329833	14	JET	CAR-145-69
4	SPRING	CAR-61-426	15	SCREW	7343368
6	SCREW	7372527	16	NUT	120619
7	HOUSING	7372517	17	BRACKET	8329773
8	BODY	7372502	18	SCREW	120221
9	JET	CAR-48-144	20	PLATE	8329830
10	SCREW	7372520	21	PLUG	CAR-136-17
	W/LOCK WASHER		22	PLATE	CAR-7-177
12	SCREW	131958	23	PLATE	CAR-148-12
13	SHAFT ASSY.	7372531	24	SPRING	CAR-51-21
			25	SLEEVE	CAR-112-12



KEY	ITEM	PART NO.
26	LOCK	CAR-61-79
27	NUT	CAR-15-43
28	CLAMP	8329825
29	SEAT	CAR-25-149
30	NEEDLE	CAR-17-49
31	SPRING	CAR-61-207
32	PIN	7378099
33	TUBE	7372536
34	TUBE ASSY.	7372537
35	AXLE	7372500
36	FLOAT ASSY.	7372513
37	HOUSING	7372518
38	PLUG	CAR-47-23
39	BODY	CAR-1-897
40	PLUG	A281413
41	PLATE	8329831

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Figure 20. Carburetor assembly—exploded view.

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability					(a) Dir sup	(b) Gen sup	
							<i>03—FUEL SYSTEM</i>					
							<i>0301—CARBURETOR ASSEMBLY (fig. 20)</i>					
20	1	---	C	F	---	5305-360-8033	SCREW: adjusting, throttle lever (A293056)---	ea	1			
20	3	---	P	F	---	2910-040-2579	KIT: repair (8329829)-----	ea	†			
							Composed of:					
20	3.1	---			---		1 RETAINER, throttle valve shaft seal (7372541)					
20	3.2	---			---		1 SEAL, throttle valve shaft (7372530)					
20	3.3	---			---		1 PLUG, idler port (5312057)					
20	3.4	---			---	5330-495-1758	1 SEAL, idle adjusting screw (7372529)					
20	3.5	---			---		1 WASHER, retaining, idle adjusting screw seal (8329535)					
20	3.6	---			---		8 SCREW, accelerating pump and metering rod diaphragm housing (593399)					
20	3.7	---			---		1 SPRING, accelerating pump (8329834)					
20	3.8	---			---	2910-495-1773	1 DIAPHRAGM, accelerating pump (7372512)					
20	3.9	---			---		1 PLUG, accelerating pump inlet passage (7324058)					
20	3.10	---			---		1 BALL, check, accelerating pump (145-636)					
20	3.11	---			---		1 WEIGHT: accelerating pump discheck ball (7372542)					
		---			---		1 SCREW (225563)					
		---			---		1 WASHER (121744)					
20	3.12	---			---		1 SPRING, return, choke valve shaft (7372533)					
20	3.13	---			---		1 PLUG, idle passage (7324060)					
20	3.14	---			---	5310-737-2539	1 WASHER, retaining, choke valve shaft seal (7372539)					
20	3.15	---			---		1 SEAL, choke valve shaft (7372528)					
20	3.16	---			---		2 SCREW, choke valve plate to shaft (421721)					
20	3.17	---			---		1 PLUG, choke valve shaft (7372525)					
20	3.18	---			---		6 SCREW, choke valve body to float body (593586)					
20	3.19	---			---		1 PLUG, needle valve fuel passage (8683647)					
20	3.20	---			---		1 STRAINER, fuel, float valve body (5293034)					
20	3.21	---			---		1 VALVE, needle, w/spring and seat, assy 7372538)					
20	3.22	---			---		1 JET, metering rod (7372519)					
20	3.23	---			---	2910-040-2582	1 ROD, metering (8329832)					
20	3.24	---			---	5315-737-2522	1 PIN, metering rod sleeve (7372522)					
20	3.25	---			---	2910-495-1772	1 DIAPHRAGM, metering rod (7372511)					
20	3.26	---			---		1 SPRING, metering rod (7372534)					

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
<i>03—FUEL SYSTEM—Continued</i>												
<i>0301—CARBURETOR ASSEMBLY (fig. 20)</i>												
—Continued												
20	3.27	-----	-----	-----	-----	-----	1 BALL, check, fuel intake (7412959) (7372533)					
20	3.28	-----	-----	-----	-----	2910-385-4948	1 STRAINER, fuel accelerating pump (5281437)					
20	3.29	-----	-----	-----	-----	-----	1 PLUG, accelerating pump fuel strainer w/gasket (7378081)					
20	3.30	-----	-----	-----	-----	-----	2 SCREW, throttle valve plate to shaft (588012)					
20	5	-----	P	F	-----	5305-366-6546	SCREW: idle adjusting (A346736)-----	ea		1		
20	11	-----	C	F	-----	2910-030-0741	GASKET SET: carburetor, (☆☆ kit 2910-040-2579) (8329827).	ea		†		
Composed of:												
20	11.1	-----	-----	-----	-----	-----	1 GASKET, float body (71500-121-138)					
20	11.1	-----	-----	-----	-----	-----	1 GASKET, strainer nut (71500-20-35)					
20	11.3	-----	-----	-----	-----	-----	1 GASKET, needle seat (71500-20-22)					
20	11.4	-----	-----	-----	-----	2910-453-6534	1 GASKET, pump, strainer plug (71500-20-61)					
20	11.5	-----	-----	-----	-----	-----	1 GASKET, flange (71500-121-222)					
20	19	-----	C	H	-----	2910-040-2570	BODY: choke valve, assy (8329771)-----	ea		1		

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
<i>03—FUEL SYSTEM—Continued</i>												
<i>0302—FUEL PUMP ASSEMBLY (fig. 21)</i>												
21	16	---	C	F	---	2910-314-0766	ARM: rocker (7971279)-----	ea	1			
21	3	---	P	F	---	5340-321-6446	CLIP: primer lever (8332080)-----	ea	1			
<i>NONILLUSTRATED ITEMS</i>												
			P	F	---	5305-013-2119	SCREW, MACHINE: fil-hd, S, cd- or zn-pltd, No. 10 0.190-32NF-2A x 5/8 (7744780) (132119).	ea	6			
			P	F	---	5305-285-4540	SCREW, MACHINE: rd-hd, S, cd- or zn-pltd, No. 6 0.138-32NC-2A x 5/16 fuel section valve retainer (121839).	ea	8			

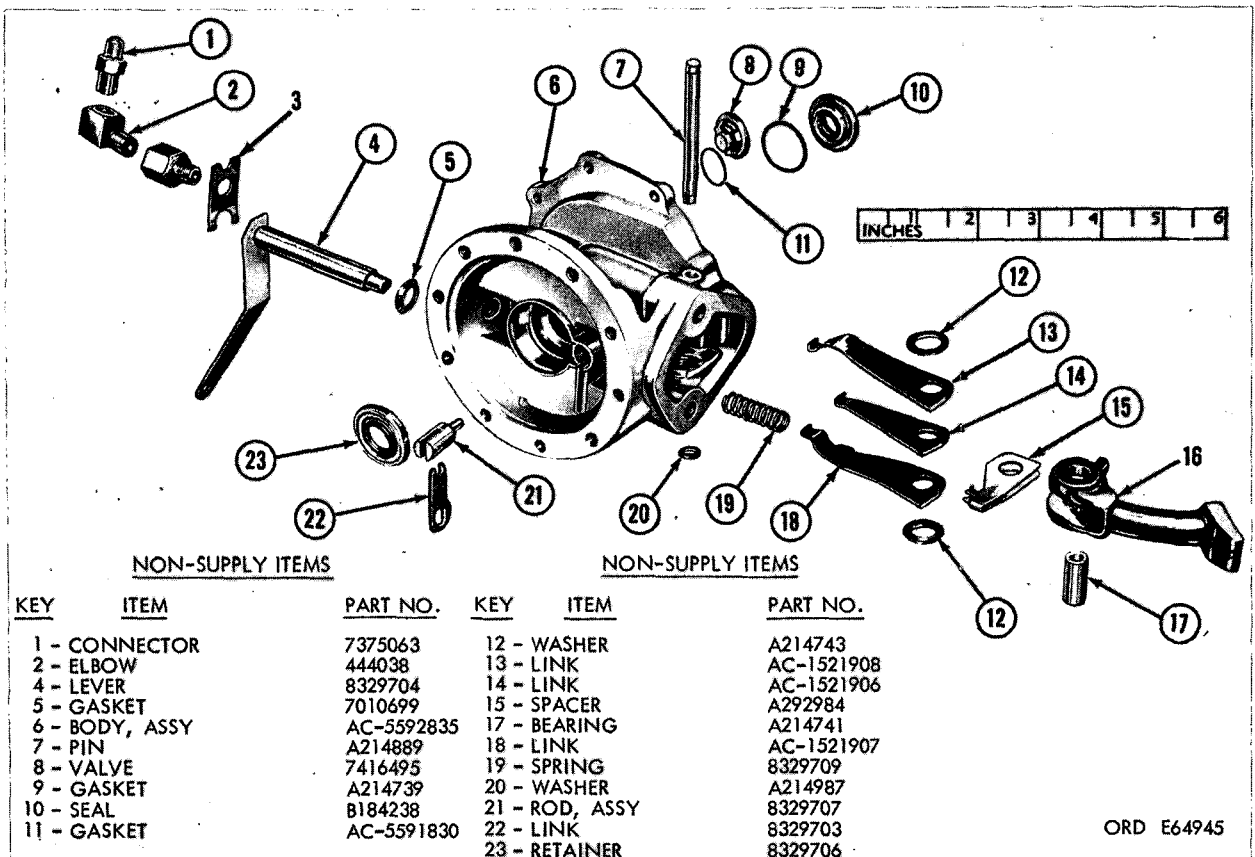
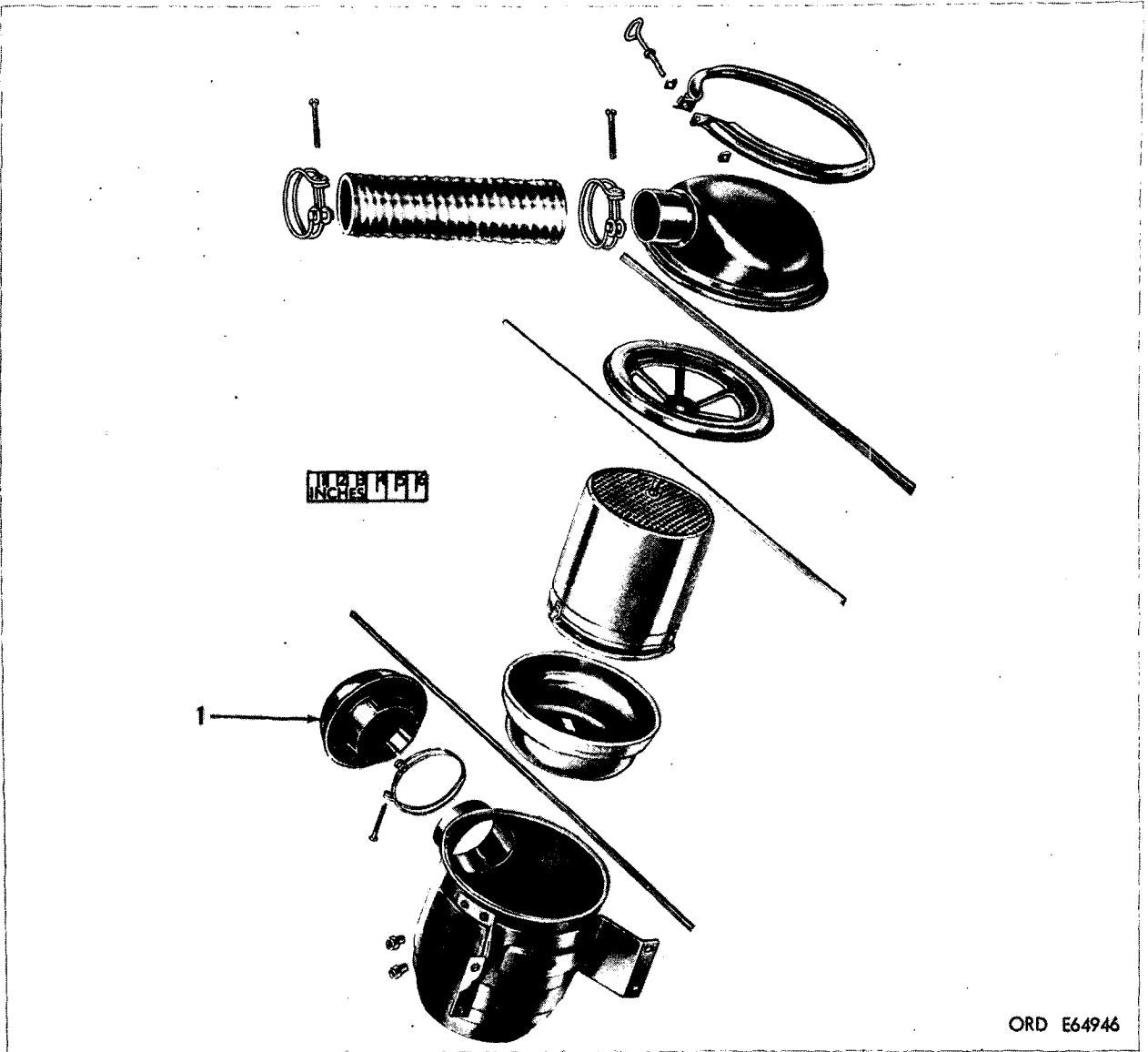


Figure 21. Fuel pump assembly—exploded view.

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
22	1	----	C	H	R	2940-142-0553	<p>03—FUEL SYSTEM—Continued</p> <p>0304—AIR CLEANER ASSEMBLY (fig. 22)</p> <p>PRECLEANER, AIR INTAKE: w/rain deflector precleaner (8329647).</p>	ea	1			



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Figure 22. Air cleaner assembly—exploded view.

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
<b>05-COOLING SYSTEM</b>												
<b>0501-RADIATOR AND RELATED PARTS (fig. 23)</b>												
23	4	----	P	F	R	2930-391-3102	RADIATOR: w/o shroud, assy (8332473)-----	ea	1			
23	10	----	P1	H	----	2930-040-2492	ROD: support, radiator (to engine), right (8328491).	ea	1			
23	11	----	P1	H	----	2930-040-2493	ROD: support, radiator (to engine), left (8328492).	ea	1			

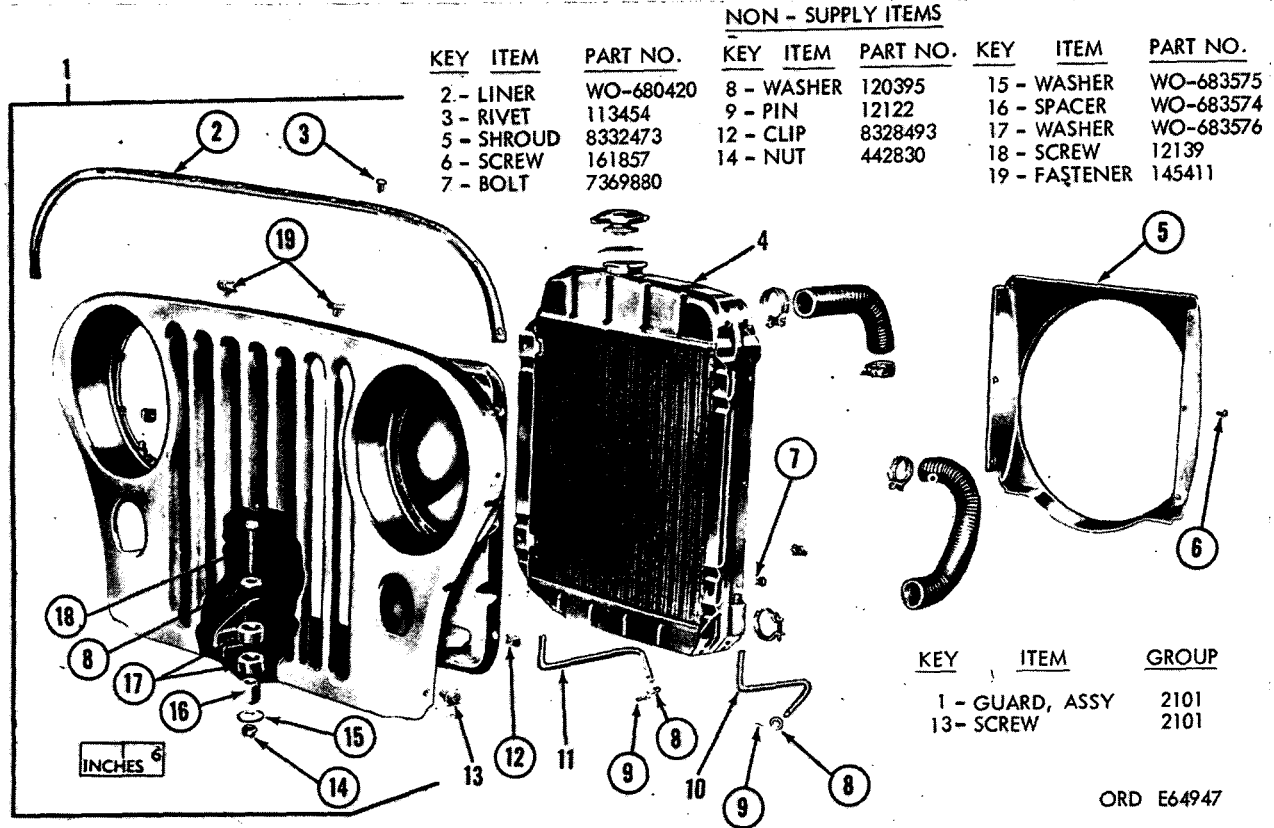
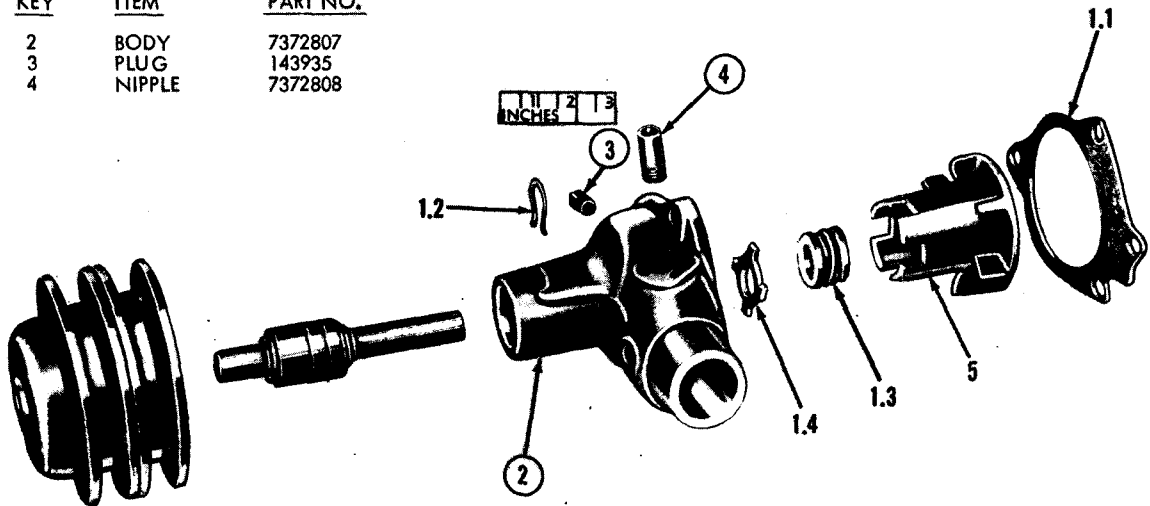


Figure 23. Radiator and related parts—exploded view.

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
							05—COOLING SYSTEM—Continued					
							0504—WATER PUMP ASSEMBLY (fig. 24)					
24	1	---	C	F	---	2930-769-7590	KIT: repair, seal (7697590)-----	ea	†			
							Composed of:					
24	1.1	---	C	O	---	2930-354-3772	1 GASKET, water pump to cylinder block (☆) (7411250)					
24	1.2	---			---		1 RETAINER, shaft bearing (7371385)					
24	1.3	---			---		1 SEAL, w/spring assy (7372810)					
24	1.4	---			---		1 WASHER, seal (7362105)					
24	5	---	C	F	---	2930-737-1383	IMPELLER: water pump (7371383)-----	ea	1			

**NON-SUPPLY ITEMS**

KEY	ITEM	PART NO.
2	BODY	7372807
3	PLUG	143935
4	NIPPLE	7372808



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Figure 24. Water pump assembly—exploded view.



(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
<i>06—ELECTRICAL SYSTEM</i>												
<i>0601—GENERATOR (AUTO-LITE) (fig. 25)</i>												
25	1	---	P	F	---	2920-569-8902	KIT: repair (Auto-Lite) (19728-Kit 141) (8333709). Composed of: 1 KEY (124545) 1 PACKING (7375328) 1 PACKING (501234) 1 SPACER (7374856) 1 SEAL (7374863) 2 WASHER (7374857) 1 WASHER (7374859) 1 RETAINER (7374860) 2 PACKING (7412437) 1 SLINGER (7374746) 1 PIN (7374861) 1 PACKING (7375329)	ea	1			
	1.1	---			---							
	1.2	---			---							
	1.3	---			---							
	1.4	---			---							
	1.5	---			---							
	1.6	---			---							
	1.7	---			---							
	1.8	---			---							
	1.9	---			---							
	1.10	---			---							
	1.11	---			---							
	1.12	---			---							
25	4	---	P	F	---	3110-183-9965	BEARING, BALL, ANNULAR: mil, std-code 111-01703-8438 sr, rad, non-loading groove, both rings same w, one syn contact seal, ABEC 3. loose fit, 17mm bore, 47mm od, 1/4mm w (armature shaft drive end) (Auto-Lite) (712125).	ea	1			
25	5	---	P	F	---	2920-737-4858	RETAINER: drive end bearing (inner) (Auto-Lite) (7374858).	ea	1			
25	6	---	P	F	---	4730-050-0718	PLUG, PIPE: hex-socket-hd, S, tnd, solid body, 1/8-27 NPT (drive end bell) (Auto-Lite) (500718).					
25	7	---	P	F	---	2920-737-4748	END BRACKET: drive end (Auto-Lite) (7374748).	ea	1			
25	10	---	P	F	---	5305-042-0464	SCREW, ASSEMBLED WASHER: rd-hd, int-teeth lockwasher, S, cd- or zn-pltd, No. 8 0.164-32NC-2A x 1/16 (420464).	ea	4			
25	11	---	C	F	---	2920-699-6837	ELBOW: waterproof electrical connector, terminal receptacle 90 deg. No. 22 shell (Auto-Lite) (7716690).	ea	1			
25	13	---	P	F	---	5305-042-0465	SCREW, ASSEMBLED WASHER: rd-hd, int-teeth lockwasher, S, cd- or zn-pltd, No. 8 0.164-32NC-2A x 1/2 (420465).	ea	4			
25	14	---	P	F	---	2920-737-4853	ARMATURE, GENERATOR: assy (Auto-Lite) (7374853).	ea	1			
25	15	---	P	F	---	2920-569-8901	KIT: brush (Auto-Lite) 19728 Kit 140 (7374852). Composed of: 2 BRUSH (CHA1012) 2 SPRING, BRUSH (7347573) (non-illustrated)	ea	1			
25	15.1	---			---							

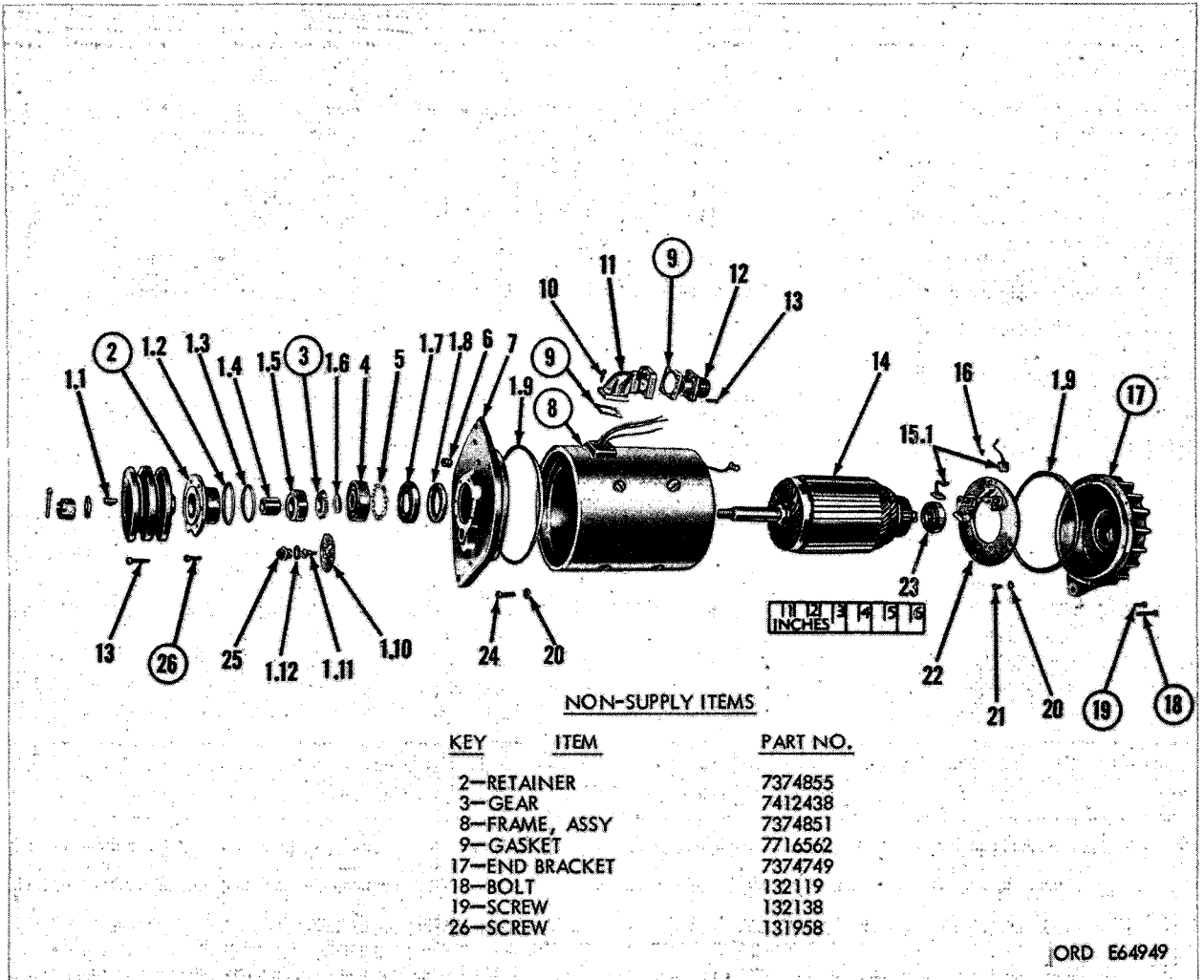


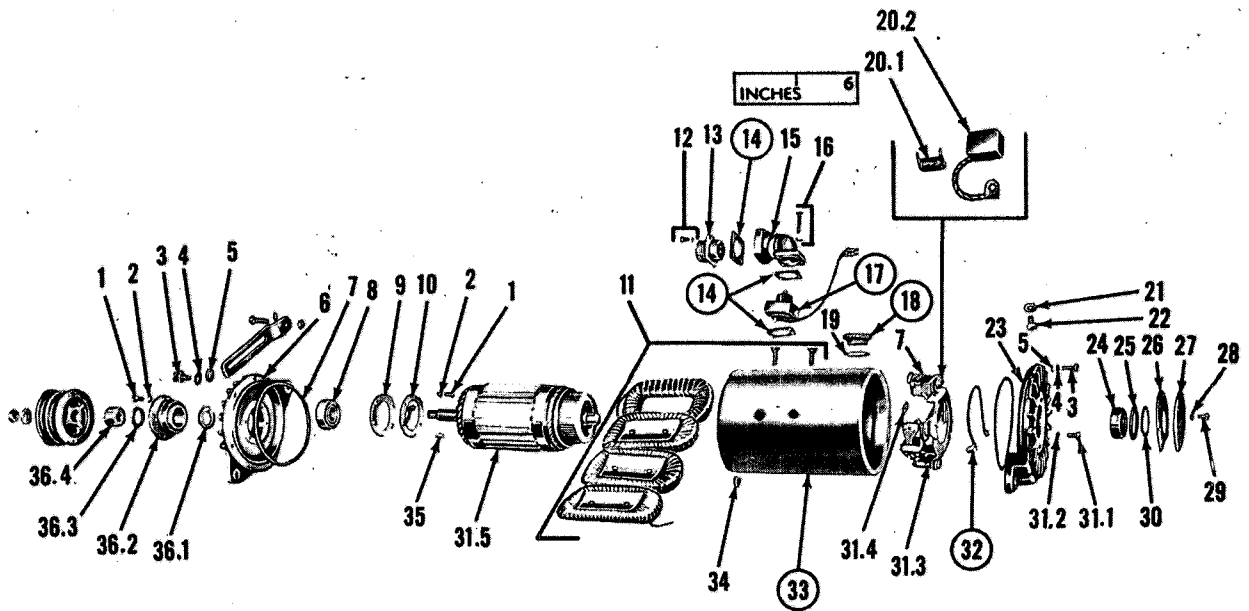
Figure 25. Generator (Auto-Lite)—exploded view.

(1) Illustration		(2) Source, maint and recoverability code				(3)	(4)	(5)	(6)	(7) 15-day maint alw per 100 equip		(8)	
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability	Federal stock No.	Description	Unit of issue	Qty inc in unit	(a) Dir sup	(b) Gen sup	Depot maint guide per 100 equip	
							<i>06—ELECTRICAL SYSTEM—Continued</i>						
							<i>0601—GENERATOR (AUTO-LITE) (fig. 25) —Continued</i>						
25	16	----	P	F	----	5305-042-0461	SCREW, ASSEMBLED WASHER: rd-hd, int-teeth lockwasher, S, cd- or zn-pltd, No. 8 0.164-32NC-2A x 1/4 (brush lead) (Auto-Lite) (8332226).	ea	2				
25	20	----	P	F	----	5310-527-3288	WASHER, LOCK: No. 10 screw size (96906-35333-22).	ea	4				
25	21	----	P	F	----	5305-043-6749	SCREW, MACHINE: fil-hd, S, cd- or zn-pltd, No. 10 0.190-32NF-2A x 7/16 (436749).	ea	4				
25	22	----	C	F	----	2920-737-4886	HOLDER ASSEMBLY, ELECTRICAL CONTACT BRUSH: w/brushes and springs (Auto-Lite) (7374886).	ea	1				
25	23	----	P	F	----	3110-184-0049	BEARING, BALL, ANNULAR: mil-std-code 117-01715 5070 sr, rad, non-loading groove (outer ring narrower than inner) one shield, one seal, ABEC 3, loose fit, 17mm bore, 40mm od, 0.4720 in. outer ring w, 0.5380 in. inner ring w, 0.5630 in. overall w (armature shaft commutator end) (Auto-Lite) (712128).	ea	1				
25	24	----	P	F	----	5305-638-3101	SCREW, MACHINE: fil-hd, S, cd- or zn-pltd, No. 10 0.190-32NF-2A x 7/8 (132128).	ea	6				
25	25	----	P	F	----	4730-541-4107	PLUG, PIPE: filler and drain, sq-hd, S, cd- or zn-pltd, 1/2-20NF-2 oil (drive end bell) (Auto-Lite) (7374854).	ea	1				
							<i>NONILLUSTRATED ITEM</i>						
			P	F	----	2920-737-5389	SUPPORT: mounting (Auto-Lite) (7375389)	ea	1				



NON-SUPPLY ITEMS

KEY	ITEM	PART NO.
14	GASKET	7716562
17	CAPACITOR	7538751
18	SCREW	453308
32	CABLE	7538753
33	FRAME	DR-1921772



ORD E64950

Figure 26. Generator (Delco-Remy)—exploded view.

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
<b>06—ELECTRICAL SYSTEM—Continued</b>												
<b>0601—GENERATOR (DELCO-REMY) (fig. 26)</b>												
26	1	----	P	F	----	5305-696-5275	SCREW, MACHINE: rd-hd, S, cd-pltd, No. 8 0.164-32NC-2A x 5/16 (field coil ground) (1) drive end bearing seal (4) and drive end bearing plate (4) (Delco-Remy) (453281).	ea	9			
26	2	----	P	F	----	5310-045-3473	WASHER, LOCK: ext-teeth, S, cd-chromate-fin., No. 8 0.164 screw size (drive end bearing seal) (4) and drive end bearing plate (4) (Delco-Remy) (453473).	ea	8			
26	3	----	P	F	----	5305-285-3948	SCREW, MACHINE: fil-hd, S, cd-chromate-fin., No. 12-24NC-2A x 1 1/16 (commutator end bell) (4) and drive end bell (4) (Delco-Remy) (453307).	ea	8			
26	4	----	P	F	----	5310-696-5280	WASHER, LOCK: split, lt, S, cd-chromate-fin., No. 12, 0.216 screw size (commutator end bell (4) (Delco-Remy) (453708).	ea	8			
26	5	----	P	F	----	5310-044-6161	WASHER, FLAT: lt, S, cd- or zn-chromate-fin., 7/32 id, 1/16 od, 0.049 thk, for No. 10 screw size (commutator end bell (4) (Delco-Remy) (446161).	ea	8			
26	6	----	P	F	----	2920-753-8756	HEAD: drive end (Delco-Remy) (7538756)	ea	1			
26	7	----	P	F	----	5330-291-7290	PACKING, PREFORMED: O ring, class B material high flexibility, 1/8 thk, 5 id (commutator end bell and drive end bell) (Delco-Remy) (546886).	ea	2			
26	8	----	P	F	----	3110-156-8390	BEARING, BALL, ANNULAR: mil-std-code 111-02002-8444 sr, rad, non-loading groove, both rings same w, two seals, ABEC 1, std fit, 20mm bore, 47mm od, 14mm w (armature shaft, drive end) (Delco-Remy) (741-3226).	ea	1			
26	9	----	P	F	----	2920-753-8760	PLATE: retaining, (drive end bell bearing) (Delco-Remy) (7538760).	ea	1			
26	10	----	C	F	----	2920-544-0168	BRUSH: static ground (armature shaft, w/ spring, assy) (Delco-Remy) (7538784).	ea	1			
26	11	----	C	H	----	2920-570-1238	COIL, SET, FIELD: (Delco-Remy) (5701238). Composed of: 1 COIL, LOWER LEFT (7538787) 1 COIL, LOWER RIGHT (7538762) 1 COIL, UPPER LEFT (7538763) 1 COIL, UPPER RIGHT (7538761) 1 INSTRUCTION SHEET (16764-5270) 8 SCREW MACHINE: 5/16-24UNF-2 x 3/8 (453308)	ea	1			
						5305-045-3308						

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint slw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Materiel code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
<i>06—ELECTRICAL SYSTEM—Continued</i>												
<i>0601—GENERATOR</i>												
<i>(DELCO-REMY) (fig. 26)—Continued</i>												
26	12	----	P	F	----	5305-042-0465	SCREW, ASSEMBLED WASHER: rd-hd, int-teeth lockwasher, S, cd- or zn-pltd, No. 8 0.164-32NC-2A x 1/2 (420465).	ea	4			
26	13	----	C	F	----	5935-201-6673	RECEPTACLE, ELECTRICAL: (waterproof, three terminal, assy) (7722352).	ea	1			
26	15	----	C	F	----	2920-699-6837	ELBOW: waterproof electrical connector, 90 deg, No. 22 shell (terminal receptacle) (Delco-Remy) (7716690).	ea	1			
26	16	----	P	F	----	5305-042-0464	SCREW, ASSEMBLED WASHER: rd-hd, int-teeth lockwasher, S, cd- or zn-pltd, No. 8 0.164-32NC-2A x 7/16 (420464).	ea	4			
26	19	----	P	F	----	5330-641-1580	GASKET: brush inspection hole plug (Delco-Remy) (7391018).	ea	1			
26	20	----	P	F	----	2920-569-8906	KIT: brush used w/generator (2920-735-5736) (Delco-Remy) (83-3799). Composed of: 2 SPRING, BRUSH (7413315) 2 BRUSH (7538749)	ea	†			
	20.1	-----			-----							
	20.5	-----			-----							
26	21	----	P	F	----	5310-245-0107	WASHER, LOCK: brush lead (Delco-Remy) (used w/generator, 2920-735-5736) (753-8774).	ea	2			
26	22	----	P	F	----	5305-019-3257	SCREW, MACHINE: pan-hd, S, cd- or zn-pltd, No. 6 0.138-32NC-2A x 1/4 (brush lead used w/generator, 2920-735-5736) (Delco-Remy) (193257).	ea	2			
26	23	----	P	F	----	2920-753-8757	HEAD COMMUTATOR: (Delco-Remy) (753-8757).	ea	1			
26	24	----	P	F	----	3110-156-3510	BEARING, BALL, ANNULAR: mil-std-code 117-01785-4004 sr, rad, non-loading groove, outer ring narrower than (inner) two seals, ABEC 1, std fit, 17 w, 0.6540 in. (inner ring w armature shaft, commutator end) (Delco-Remy) (7538747).	ea	1			
26	25	----	P	F	----	5330-054-6859	PACKING, PREFORMED: O ring, class B material high flexibility, 1/8 thk, 1 5/8 id (commutator end bell bearing) (Delco-Remy) (546859).	ea	1			
26	26	----	P	F	----	2920-753-8759	GASKET: commutator end bearing cover (Delco-Remy) (7538759).	ea	1			
26	27	----	P	F	----	2920-753-8783	PLATE: retaining (commutator end bell bearing, w/spring) (Delco-Remy) (7538783).	ea	1			
26	28	----	P	F	----	5310-013-8479	WASHER, LOCK: ext-teeth, S, cd- or zn-pltd, No. 10 0.190 screw size (138479).	ea	6			
26	29	----	P	F	----	5305-013-2033	SCREW, MACHINE: fil-hd, S, cd- or zn-pltd, No. 10 0.190-24NC-2A x 3/8 (132033).	ea	6			

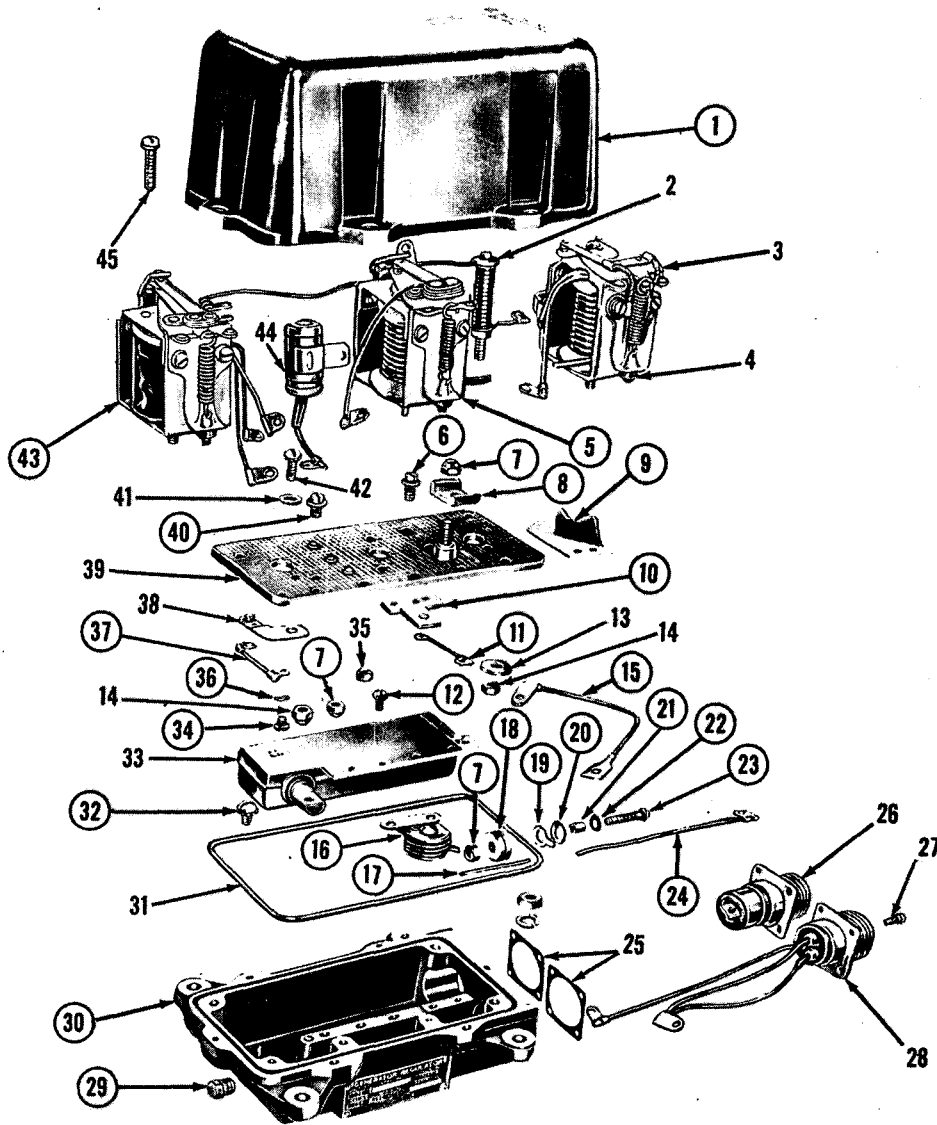
(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
							<i>06—ELECTRICAL SYSTEM—Continued</i>					
							<i>0601—GENERATOR (DELCO-REMY) (fig. 26)—Continued</i>					
26	30	---	P	F	---	2920-753-8725	SPACER: bearing (commutator end) (Delco-Remy) (7538785).	ea	1			
26	31	---	P	F	---	2920-553-8251	KIT: conversion for converting generator (2920-735-4474) to generator (2920-735-5736) (Delco-Remy) (7413316). Composed of:	ea	1			
	31.1	---			---	5305-286-1934	2 SCREW, MOUNTING, BRUSH HOLDER (24617-453464)					
	31.2	---			---	5310-596-7686	2 WASHER, LOCK, MOUNTING, BRUSH HOLDER (24617-453296)					
	31.3	---			---	5977-669-9069	1 HOLDER, BRUSH, ASSY (16764-19211760)					
	31.4	---			---	5310-741-3319	2 NUT, MOUNTING, BRUSH HOLDER (16764-1921747)					
	31.5	---			---	2920-741-3317	1 ARMATURE (16764-1921762) 1 PLATE, NAME (16764-1921773) (non-illustrated) 4 RIVET, MOUNTING, BRUSH HOLDER (16764-1914906) (nonillustrated) 1 SHEET, INSTRUCTION (16764-5172) (nonillustrated)					
26	34	---	P	F	---	4730-011-8831	PLUG, PIPE: sld, hlds, br, 1/8 in. field frame (Delco-Remy) (118831).	ea	1			
26	35	---	P	O	---	5315-616-5526	KEY, WOODRUFF: alloy-S, 1/8 x 5/8 (5) (armature shaft) (Delco-Remy) (124545).	ea	1			
26	36	---	C	F	---	2920-737-2081	PARTS KIT, ENGINE GENERATOR: drive end bearing cover plate (Delco-Remy) (7372081). Composed of:	ea	†			
	36.1	---			---		1 WASHER (7538787)					
	36.2	---			---		1 SEAL (7538786)					
	36.3	---			---		1 PACKING (501224)					
	36.4	---			---		1 COLLAR (7538754)					
							<i>NONILLUSTRATED ITEMS</i>					
26	---	---	P	H	---	2920-629-2366	PARTS KIT, GENERATOR, WINDING: (Delco-Remy) (5702300). Composed of:	ea	†			
						2920-737-4865	2 INSULATOR (7374865) 1 WINDING (5701238)					
26	---	---	P	F	---	2920-737-5389	SUPPORT: mounting (Delco-Remy) (7375389)	ea	1			



(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Materiel code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
							<i>06—ELECTRICAL SYSTEM—Continued</i> <i>0601—GENERATOR, ALTERNATOR</i> <i>GENERATOR (35510-5300G12)</i> <i>NONILLUSTRATED</i>					
			P	F	----	3110-109-1121	BEARING, BALL, ANNULAR: mil-std-code 111-02002-8420 sr, rad, non-loading groove, both rings same w, two felt contact seals, ABEC 1, std fit, 20mm bore, 47mm od, 14mm w slip ring end (710040).	ea	1			
			P	F	----	3110-275-0117	BEARING, BALL, ANNULAR: mil-std-code 111-02503-8444 rad, sr, med, non-loading groove, 2 seals, 0.9843 in. bore, 2.4409 in. od, 0.6693 in. w drive end (7064942).	ea	1			
			P	F	----	5935-259-0204	CONNECTOR, RECEPTACLE, ELECTRICAL: (7064429).	ea	1			
			P	F	----	5935-644-7528	CONNECTOR, RECEPTACLE, ELECTRICAL: (8713569).	ea	1			
			P	F	----	5935-644-7529	CONNECTOR, RECEPTACLE, ELECTRICAL: (8713566).	ea	1			
			P	F	----	2920-500-2965	FAN: external (8672725)-----	ea	1			
			P	F	----	5935-599-6089	GASKET: receptacle (7388357)-----	ea	1			
			P	F	----	5977-695-6311	HOLDER ASSEMBLY, ELECTRICAL CONTACT BRUSH: assy (8672841).	ea	1			
			P	F	----	5315-012-4542	KEY, WOODRUFF: alloy-S, 3/32 x 1/2 2 fan hub to shaft (124542).	ea	1			
			P	F	----	5315-012-4553	KEY, WOODRUFF: alloy-S, 1/4 x 1 No. 808 or 15 drive pulley (124553).	ea	1			
			P	F	----	5310-012-0622	NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, No. 8 0.164 -32NC-2B, 1 1/32 w 1/8 thk brush lead (120622).	ea	4			
			P	F	----	5310-050-3446	NUT, SELF-LOCKING, HEXAGON: S, cd- or zn-pltd, 1/2-20UNF-3B, 3/4 w, 5/16 thk (503446).	ea	1			
			P	F	----	2920-654-7271	PARTS KIT, ENGINE GENERATOR: (5702339). Composed of: 4 BRUSH (8677118) 4 SPRING (8677114)	ea	†			
			P	F	----	5315-011-2726	PIN, COTTER: brush spring lever (112726)---	ea	4			
			P	F	----	5315-054-4119	PIN, STRAIGHT, HEADLESS: housing alignment (544119).	ea	1			
			P	F	----	2920-695-6303	ROTOR, ALTERNATOR: assy (8672668)----	ea	1			
			P	F	----	5305-042-4537	SCREW, ASSEMBLED WASHER: rd-hd, int-teeth lockwasher, header-pt, S, cd- or zn-pltd, No. 10 0.190-32NF-2A x 1/2 (424537).	ea	4			

(1) Illustration		(2) Source, maint and recoverability code				(3)	(4)	(5)	(6)	(7) 15-day maint alw per 100 equip		(8)
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability	Federal stock No.	Description	Unit of issue	Qty inc in unit	(a) Dir sup	(b) Gen sup	Depot maint guide per 100 equip
							06—ELECTRICAL SYSTEM—Continued 0601—GENERATOR, ALTERNATOR GENERATOR (35510-5300G12) NONILLUSTRATED—Continued					
			P	F	----	5305-285-5271	SCREW, ASSEMBLED WASHER: fil-hd, split lockwasher, S, cd- or zn-pltd, 0.164-32NC-2A x 1/2 (454430).	ea	2			
			P	F	----	5305-779-7372	SCREW, MACHINE: fil-hd, sltd, w/spring lockwasher, S, cd- or zn-pltd, No. 8 0.164-32NC-2A x 7/8 (H101-0593566) (593566).	ea	2			
			P	F	----	5305-013-2768	SCREW, MACHINE: rd-hd, S, cd- or zn-pltd, No. 8 0.164-32NC-2A x 3/4 (132768).	ea	4			
			P	F	----	5305-013-3503	SCREW, MACHINE: fil-hd, S, cd- or zn-pltd, No. 8 0.164-32NC-2A x 7/8 (133503).	ea	4			
			P	F	----	2920-695-6302	STATOR: assy (8672666) .....	ea	1			
			P	F	----	5310-197-3316	WASHER, FLAT: (96906-15795-218) .....	ea	1			
			P	F	----	5310-013-1095	WASHER, LOCK: brush lead (131095) .....	ea	2			
			P	F	----	5310-012-1841	WASHER, LOCK: split, med, S, cd- or zn-pltd, No. 8, 0.164 screw size (121841).	ea	4			

1 1/2 INCHES



NON-SUPPLY ITEMS

KEY	ITEM	PART NO.	KEY	ITEM	PART NO.
1	COVER	7374825	20	WASHER	8672285
5	REGULATOR	7374943	21	BUSHING	8393092
6	SCREW	7375371	22	WASHER	116090
7	NUT	AL-XA699A	23	SCREW	132923
8	CONNECTOR	7348949	24	LEAD ASSY	8393093
9	PLATE	8393094	29	PLUG	444614
10	BRACKET	7374822	30	CASE	8673471
11	RESISTOR	7374961	32	BOLT	424632
12	BOLT	178469	34	SCREW	120628
15	LEAD ASSY	8393090	36	WASHER	131015
16	RECTIFIER	7374960	37	RESISTOR	8332078
17	LEAD	8393095	40	SCREW	AL-X3055
18	RESISTOR	8393091	43	REGULATOR ASSY	7374944
19	TERMINAL	8672286			

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Figure 27. Regulator (Auto-Lite)—exploded view.

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
							<i>06—ELECTRICAL SYSTEM—Continued</i>					
							<i>0602—REGULATOR (AUTO-LITE)</i> (fig. 27)					
27	2	----	C	F	----	2920-737-4920	COIL: radio suppression (Auto-Lite (7374920).	ea	1			
27	3	----	C	F	----	5925-737-4945	BREAKER: circuit, reverse current, assy (Auto-Lite) (7374945).	ea	1			
27	4	----	P	F	----	5310-770-2608	NUT, PLAIN, KNURLED: adjusting, armature spring (Auto-Lite) (7702608).	ea	1			
27	13	----	P	F	----	5310-044-6187	WASHER, FLAT: lt, S, 1 <sup>1</sup> / <sub>4</sub> id, 5 <sup>1</sup> / <sub>8</sub> od, 0.049 thk, for No. 14 0.242 screw size (446187).	ea	1			
27	14	----	P	F	----	5310-050-3342	NUT, SELF-LOCKING, HEXAGON: br, 1 <sup>1</sup> / <sub>4</sub> -28UNF-38, 7 <sup>1</sup> / <sub>16</sub> w, 5 <sup>1</sup> / <sub>16</sub> thk critical installation (503342).	ea	1			
27	25	----	P	F	----	5330-641-4336	GASKET: shielded electrical connector, 1.315 in. id, 1.625 in. sq four 0.203 in. screw hole receptacle mounting kit, (5935-570-1380) (7388352).	ea	2			
27	26	----	P	F	----	5935-738-8327	CONNECTOR, RECEPTACLE, ELECTRICAL: waterproof, box mounting, four terminal, assy (Auto-Lite) (7388327).	ea	1			
27	27	----	P	F	----	5305-042-0464	SCREW, ASSEMBLED WASHER: rd-hd, int. teeth lockwasher, s, cd- or zn-pltd, No. 8 0.164-32NC-2A x 7 <sup>1</sup> / <sub>16</sub> receptacle mounting (Auto-Lite) (420464).	ea	8			
27	28	----	P	F	----	5935-738-8318	CONNECTOR, RECEPTACLE, ELECTRICAL: waterproof box mounting, three terminal, assy (Auto-Lite) (7388318).	ea	1			
27	31	----	P	F	----	5330-599-8645	PACKING, PREFORMED: O-ring, class B material high flexibility, 1 <sup>1</sup> / <sub>8</sub> in. thk, 6 <sup>1</sup> / <sub>2</sub> id cover (Auto-Lite) (546896).	ea	1			
27	33	----	C	F	----	2920-737-4923	FILTER: radio suppression (Auto-Lite) (737-4923).	ea	1			
27	35	----	P	F	----	5310-050-3240	NUT, SELF-LOCKING, HEXAGON: br, elastic stop type, No. 8 0.164-32NC-3B, 0.344 w, 1 <sup>1</sup> / <sub>4</sub> thk radio suppression coil (Auto-Lite) (503240).	ea	1			
27	38	----	C	F	----	2920-737-4921	BRACKET: voltage regulator core resistor (Auto-Lite) (7374921).	ea	1			
27	39	----	P	F	----	2920-737-4917	BASE: panel, insulation (Auto-Lite) (7374917).	ea	1			
27	41	----	P	F	----	5310-655-9587	WASHER, FLAT: med, S, od- or zn-chromate-fin., 1 <sup>1</sup> / <sub>2</sub> id, 1 <sup>1</sup> / <sub>2</sub> od, thk 0.049, for No. 10 0.190 screw size (120391).	ea	4			
27	42	----	P	F	----	5305-043-6750	SCREW, MACHINE: rd-hd, S, cd- zn-pltd, No. 10 0.190-32NF-2A x 1 <sup>1</sup> / <sub>2</sub> (436750).	ea	6			
27	44	----	C	F	----	5910-737-4919	CAPACITOR, FIXED, PAPER DIELECTRIC: assy (Auto-Lite) (7374919).	ea	1			

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
<p align="center"><i>06—ELECTRICAL SYSTEM—Continued</i></p> <p align="center"><i>0602—REGULATOR (AUTO-LITE)</i> (fig. 27)—Continued</p>												
27	45	---	P	F	---	5305-012-7651	SCREW, MACHINE: sltd-hex hd, S, cd- or zn-pltd, No. 10 0.190-32NF-2A x 3/4 regulator cover (Auto-Lite) (127651).	ea	6			
			X	2F	---	2920-335-4707	SUPPORT: assy (Auto-Lite) (8328475)-----	ea	1			
<p align="center"><i>0602—REGULATOR (DELCO-REMY)</i> (fig. 28)</p>												
28	5	---	P	F	---	5310-298-9261	NUT, PLAIN, HEXAGON: S, cd-pltd, No. 10 0.190-32NF-2, 3/8 w, 1/8 thk (453284).	ea	2			
28	6	---	P	F	---	5310-045-3296	WASHER, LOCK: split, med, S, cd-chromate-fin. No. 10 0.190 screw size cover mounting (4) panel mounting (4) circuit breaker relay (1) and actuating relay (1) (Delco-Remy) (453296).	ea	10			
28	7	---	P	F	---	5310-014-7579	WASHER, FLAT: S, cd- or zn-chromate-fin., 1/4 id, 5/16 od, 0.065 thk, for No. 10 0.190 screw size (147579).	ea	1			
28	8	---	P	F	---	5310-655-9587	WASHER, FLAT: lt, S, cd- or zn-chromate-fin., 13/64 id, 15/32 od, 0.049 thk for No. 9 0.177 screw size panel mounting (Delco-Remy) (446152).	ea	4			
28	10	---	P	F	---	2920-737-5772	PANEL: base, insulating (Delco-Remy) (7375772).	ea	1			
28	11	---	C	F	---	2920-201-3929	RELAY: actuating (used w/regulator, 2910-735-1952) (Delco-Remy) (7976210).	ea	1			
28	11	---	C	F	---	2920-294-3313	CUTOUT RELAY, ENGINE GENERATOR: voltage, assy used w/regulators, 2920-394-5999 and 2920-335-4677 (Delco-Remy) (8360075).	ea	1			
28	11	---	P	F	---	5310-012-0613	NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, 1/4-28UNF-2B, 1/16 w, 5/32 thk (120613).	ea	1			
28	-----	---	P	F	---	5310-045-3704	WASHER, LOCK: int-teeth, S, cd-chromate-fin., 1/4 screw size (453704).	ea	1			
28	12	---	C	F	---	2920-797-6211	CIRCUIT BREAKER, RELAY: reverse current, assy used w/regulator, 2920-735-1952 (Delco-Remy) (7976211).	ea	1			
28	12	---	P	F	---	2920-516-2722	CIRCUIT BREAKER, RELAY: circuit, reverse current, assy used w/regulator 2920-394-5999 and 2920-335-4677 (Delco-Remy) (8360073).	ea	1			
28	-----	---	P	F	---	5310-045-3704	WASHER, LOCK: int-teeth, S, cd-chromate-fin., 1/4 size (453704).	ea	1			

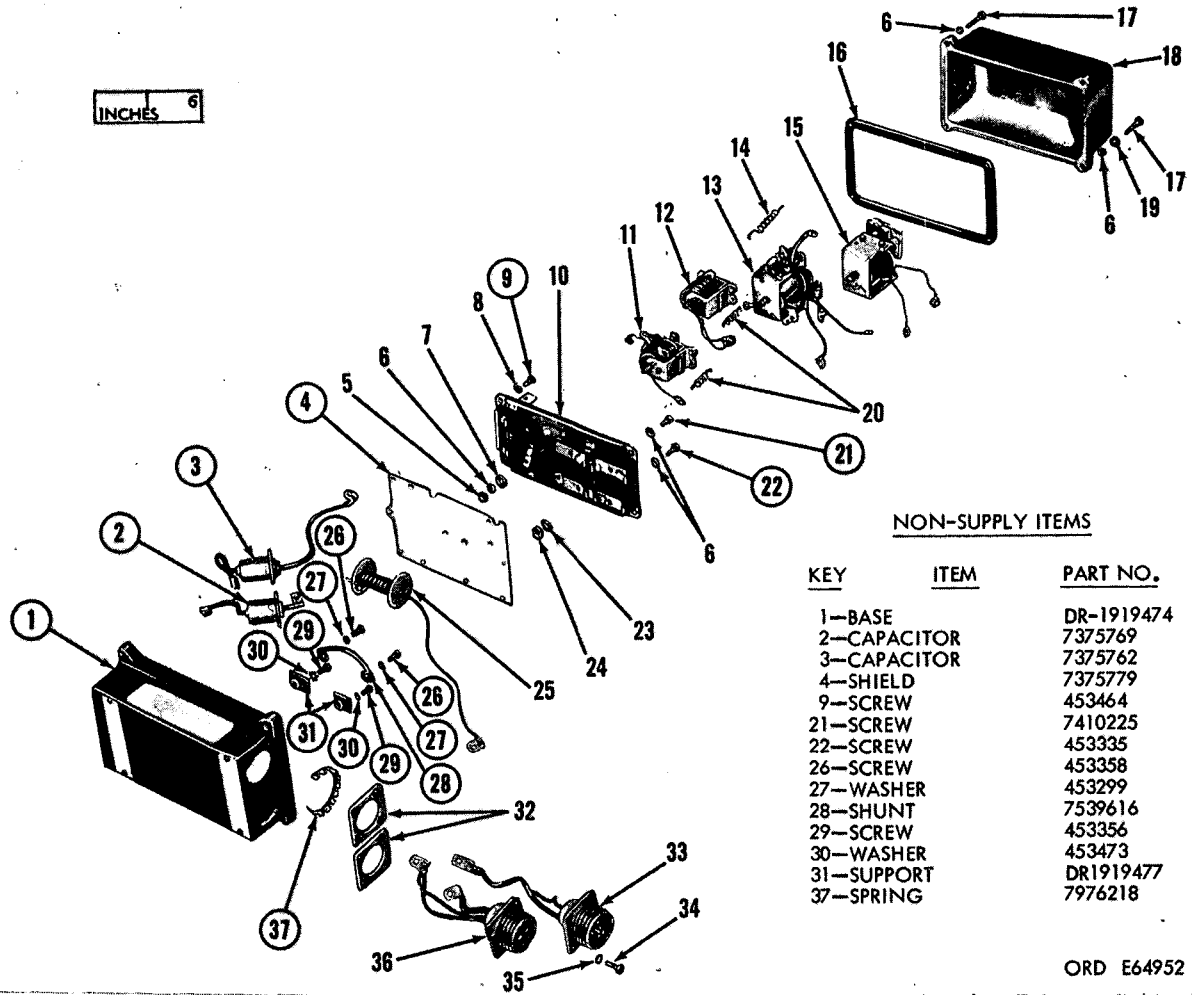


Figure 28. Regulator (Delco-Remy).

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
							<i>06—ELECTRICAL SYSTEM—Continued</i>					
							<i>0602—REGULATOR (DELCO-REMY) (fig. 28)—Continued</i>					
28	13	---	P	F	---	2920-797-6212	REGULATOR: current, assy used w/regulator, 2920-735-1952 (Delco-Remy) (7976212).	ea	1			
28	13	---	C	F	---	2920-699-6841	REGULATOR: current, assy used w/regulator, 2920-394-5999, and 2920-335-4677 (Delco-Remy) (8360074).	ea	1			
28	14	---	P	F	---	2920-753-9613	SPRING, HELICAL, EXTENSION: adjusting, current regulator armature and voltage regulator armature (Delco-Remy) (7539613).	ea	2			
28	15	---	C	F	---	2920-797-6214	REGULATOR: voltage, assy used w/regulator, 2920-735-1952 (Delco-Remy) (7976214).	ea	1			
28	16	---	C	F	---	5330-753-9638	GASKET: cover (Delco-Remy) (7539638)-----	ea	1			
28	17	---	P	F	---	5305-753-9652	SCREW, MACHINE: special, regulator cover (Delco-Remy) (7539652).	ea	4			
28	18	---	P	F	---	2920-569-8930	COVER, VOLTAGE REGULATOR; w/cup, screw and washer assy (Delco-Remy) (7539615).	ea	1			
28	19	---	P	F	---	2920-753-9654	CUP: seal, cover screw (Delco-Remy) (7539654).	ea	2			
28	20	---	P1	F	---	2920-737-5780	SPRING, HELICAL, EXTENSION: armature, actuating relay and reverse current circuit breaker (used w/regulator. 2920-735-1952) (Delco-Remy) (16764-1916982).	ea	2			
28	23	---	P	F	---	5310-045-3704	WASHER, LOCK: int-teeth, S, cd-chromate-fin., ¼ screw size (453704).	ea	2			
28	24	---	P	F	---	5310-012-0613	NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, ¼-28UNF-2B, ⅞ w, ⅝ thk (120613).	ea	2			
28	25	---	P	F	---	2920-737-5763	COIL: choke assy used w/regulator, 2920-735-1952 (Delco-Remy) (7375763).	ea	1			
28	32	---	P	F	---	5330-641-4336	GASKET: shielded electrical connector, 1.375 in. id, 1.625 in. sq., four 0.203 in. screw hole receptacle mounting, kit, (7388352).	ea	2			
28	33	---	P	F	---	5935-738-8318	CONNECTOR, RECEPTACLE, ELECTRICAL: waterproof, box mounting, assy three-terminal (Delco-Remy) (7388319).	ea	1			
28	34	---	P	F	---	5305-043-6695	SCREW, MACHINE: fil-hd, S, cd- or zn-pltd, No. 8 0.164-32NC-2A x ½ receptacle mounting (Delco-Remy) (131970).	ea	8			
28	35	---	P	F	---	5310-045-3299	WASHER, LOCK: split, med, S, cd-chromate-fin., No. 8 0.164 screw size receptacle mounting (Delco-Remy) (453299).	ea	8			
28	36	---	P	F	---	5935-738-8327	CONNECTOR, RECEPTACLE, ELECTRICAL: waterproof, box mounting, assy four-terminal (Delco-Remy) (7388327).	ea	1			

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
							<i>06—ELECTRICAL SYSTEM—Continued</i>					
							<i>0602—REGULATOR (DELCO-REMY) (fig. 28)—Continued</i>					
							<i>NONILLUSTRATED ITEMS</i>					
			P	F	----	5910-562-0428	CAPACITOR: battery terminal 3.0 mfd (used w/regulator, 2920-335-4677) (Delco-Remy) (16764-1925893).	ea	1			
			P	F	----	6Z19-322-83	CLAMP: mounting, current and voltage regulator resistor (used w/regulator, 2920-335-4677) (Delco-Remy) (6Z1932-283).	ea	2			
			P	F	----	2920-753-9649	GASKET: receptacle mounting shield used w/regulator, 2920-394-5999 (Delco-Remy) (7539649).	ea	1			
			P	F	----	2920-606-8502	PARTS KIT, RESISTOR, GENERATOR REGULATOR: (Delco-Remy) (5702516). Composed of: 1 RESISTOR 80 OHMS (7539617) 1 RESISTOR 200 OHMS (7539618) 1 RESISTOR 500 OHMS (7539620) 1 RESISTOR 1000 OHMS (7376213) 1 RESISTOR 1500 OHMS (7375778)	ea	†			
			C	F	----	5905-737-3348	RESISTOR, FIXED, WIRE WOUND: 300 ohm used w/regulator, 2920-394-5999 and 2920-735-1952 (Delco-Remy) (7373348).	ea	2			
			P	F	----	5305-013-2688	SCREW, MACHINE: rd-hd, S, cd- or zn-pltd, No. 6 0.138-32NC-2A x ¼ (capacitor mounting) (132688).	ea	12			
			P	F	----	5305-042-4714	SCREW, TAPPING, THREAD CUTTING: fil-hd, stld-blunt-pt, S, cd- or zn-pltd, No. 6 0.138-32NC-2 x ⅙ (choke coil capacitor) (424714).	ea	8			
			P	F	----	5340-205-4672	SPRING, HELICAL, EXTENSION: adjusting, circuit breaker armature used w/breaker, 2920-569-8928 and 2920-699-6840 (Delco-Remy) (7539611).	ea	1			
			X	2F	----	2920-335-4707	SUPPORT: assy (Delco-Remy) (8328475)-----	ea	1			
			P	P	----	5940-020-0346	TERMINAL: cable, solder, roll, dble-ear, lh, type K, br, tnd, 0.022 thk, No. 16-14 awg cable, hole for No. 8 screw (voltage regulator) (Delco-Remy) (200346).	ea	1			
			P	F	----	5940-020-0182	TERMINAL, LUG: cable, solder, roll, dble-ear, rh, type K br, tnd, 0.032 in. thk, No. 16 awg cable, hole for No. 8 screw (current regulator and voltage regulator) (Delco-Remy).	ea	2			



(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
							06—ELECTRICAL SYSTEM—Continued					
							0602—REGULATOR (DELCO-REMY) (fig. 28)—Continued					
							NONILLUSTRATED ITEMS—Continued					
			P	F	----	5940-020-0154	TERMINAL, LUG: wire, solder, roll type, lh, rd-end tongue, dble-drip, br, tnd, No. 16-14 awg wire, hole for No. 10 screw (type k), 0.032 thk (current regulator).	ea	1			
			P	F	----	5310-013-1044	WASHER, LOCK: split, med, S, cd- or zn-pltd, No. 6 0.138 screw size capacitor mounting (12) (131044) choke coil capacitor (4).	ea	16			
			P	F	----	5310-596-7674	WASHER, LOCK: split, lt, S, cd- or zn-pltd, No. 6 0.138 screw size choke coil capacitor (131181).	ea	4			
							0602—REGULATOR ALTERNATOR  (NONILLUSTRATED ITEMS)					
			P	F	----	2920-695-6310	ARMATURE VOLTAGE REGULATOR: carbon pile assy (alternator) (35510-536-134) (8672800).	ea	1			
			P	F	----	2920-695-6307	CAPACITOR, FIXED, QUARTZ DIELECTRIC: capacitor, and panel assy (alternator) (8672773).	ea	1			
			P	F	----	5305-226-9268	SCREW, MACHINE: rd-hd, S, cd- or zn-pltd, No. 6 0.138-32NC-2A x 3/8 (132696).	ea	1			
			P	F	----	5310-013-1044	WASHER, LOCK: split, med, S, cd- or zn-pltd, No. 6 0.138 screw size (131044).	ea	1			
			P	F	----	5340-057-2891	CLAMP, ELECTRICAL: closed, S, cd- or zn-pltd, 5/16 od tube, hole for No. 10 screw, relay panel (alternator).	ea	2			
			P	F	----	5310-012-0614	NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, No. 10 0.190-32NF-2B, 3/8 w 1/8 thk (120614).	ea	2			
			P	F	----	5305-013-2903	SCREW, MACHINE: rd-hd, S, cd- or zn-pltd, No. 10 0.190-32NF-2A x 1/16 (132903).	ea	2			
			P	F	----	5305-013-2915	SCREW, MACHINE: rd-hd, S, cd- or zn-pltd, No. 10 0.190-2A x 3/4 (132915).	ea	1			
			P	F	----	5310-012-0217	WASHER, LOCK: split, med, S, cd- or zn-pltd, No. 10 0.190 screw size (453296).	ea	4			
			P	F	----	2920-695-6308	COIL, VOLTAGE REGULATOR: operating assy (alternator) (8672798).	ea	1			
			P	F	----	2920-695-6309	COIL, VOLTAGE REGULATOR: paralleling assy (alternator) (8672799).	ea	1			

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
							<i>06—ELECTRICAL SYSTEM—Continued</i>					
							<i>0602—REGULATOR ALTERNATOR—Continued</i>					
							<i>NONILLUSTRATED ITEMS—Continued</i>					
			P	F	----	5935-280-2111	CONNECTOR ASSEMBLY, ELECTRICAL: alternator (7064706).	ea	1			
			P	F	----	5305-043-6695	SCREW, MACHINE: fil-hd, S, cd- or zn-pltd, No. 8 0.164-32NC-2A x 1/2 (131970).	ea	4			
			P	F	----	5310-012-1841	WASHER, LOCK: split, med. S, cd- or zn-pltd, No. 8 0.164 screw size (121841).	ea	4			
			P	F	----	5935-259-0204	CONNECTOR, RECEPTACLE, ELECTRICAL: assy (alternator) (7064429).	ea	1			
			P	F	----	5305-043-6695	SCREW, MACHINE: fil-hd, S, cd- or zn-pltd, No. 8 0.164-32NC-2A x 1/2 (131970).	ea	4			
			P	F	----	5310-012-1841	WASHER, LOCK: split, med, S, cd- or zn-pltd, No. 8 0.164 screw size (121841).	ea	4			
			P	F	----	2920-695-6304	SCREW: terminal, carbon pile (alternator) (8672695).	ea	1			
			P	F	----	2920-349-3698	CUTOUT RELAY: assy (alternator) (867-2760).	ea	1			
			P	F	----	5305-012-1540	SCREW, MACHINE: rd-hd. S, cd- or zn-pltd, No. 10 0.190-32 2A x 5/16 (121540).	ea	1			
			P	F	----	5310-045-3296	WASHER, LOCK: split, med, S, cd- or zn-pltd, No. 10 0.190 screw size (453296).	ea	1			
			P	F	----	6110-627-2537	DISK VOLTAGE REGULATOR: assy (alternator).	ea	1			
						2920-695-6313	PILE CARBON ASSY (8676994)					
			P	F	----	5330-054-6899	GASKET: packing, O-ring regulator cover (alternator) (546899).	ea	1			
			P	F	----	5330-599-6089	GASKET: ru, elect connector, 1.750 in. id, 2.000 in. sq four 0.203 in. screw receptacle (alternator) (7388357).	ea	1			
			P	F	----	5970-695-6314	INSULATOR BUSHING: alternator (8677108).	ea	1			
			P	O	----	5340-692-9356	SUPPORT: flexible, regulator mounting bracket (7392936).	ea	4			
		KZ	P1	F	----	5310-012-0214	WASHER, LOCK: split, med, S, cd or zn-pltd, 5/16 screw size (120214).	ea	4			
			P	F	----	5310-013-4524	NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, No. 4 0.112-4JNC-2B, 1/4 w. 3/32 thk (134524).	ea	2			
			P	F	----	5330-240-1955	PACKING, PREFORMED: O-ring, carbon-pile cover and end plate (alternator) (7974910).	ea	2			
			P	F	----	5330-291-7353	PACKING, PREFORMED: O-ring, regulator cover (alternator) (7974911).	ea	1			
			P	F	----	2920-699-7065	PACKING, PREFORMED: O-ring, regulator cover (alternator) (8690334).	ea	1			

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Materiel code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
							<i>06—ELECTRICAL SYSTEM—Continued</i>					
							<i>0602—REGULATOR ALTERNATOR—Continued</i>					
							<i>NONILLUSTRATED ITEMS—Continued</i>					
			P	F	----	2590-349-3651	PANEL: contact, w/leads, assy (alternator) (8672776).	ea	1			
			P	F	----	5310-834-3156	NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, No. 6 (0.138)-32NC-28, 5/16 wd, 1/4 thk (96906-35649-62).	ea	4			
			P	F	----	5310-013-1044	WASHER, LOCK: split, med, S, cd- or zn-pltd, No. 6 0.138 screw size (131044).	ea	4			
			P	F	----	2920-695-6312	PLATE: contact, relay armature, assy (alternator) (8672855).	ea	1			
			P	F	----	5905-695-9208	RESISTOR: adjustable, relay panel (alternator) (8672745).	ea	1			
			P	F	----	5905-695-9210	RESISTOR, FIXED, COMPOSITION: 350 ohm, w/terminals assy (alternator) (867-2770).	ea	1			
			P	F	----	5905-695-9211	RESISTOR, FIXED, WIRE WOUND: 18 ohm, w/terminals, assy (alternator) (867-2772).	ea	1			
			P	F	----	5310-012-0614	NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, No. 10 0.190-32NF-2B, 3/8 w, 1/8 thk (120614).	ea	1			
			P	F	----	5305-013-2942	SCREW, MACHINE: rd-hd, S, cd- or zn-pltd, No. 10 0.190-32NF-2A x 2 1/4 (132942).	ea	1			
			P	F	----	5310-045-3296	WASHER, LOCK: split, med, S, cd- or zn-pltd, No. 10 0.190 screw size (453296).	ea	1			
			P	F	----	5305-013-3440	SCREW, MACHINE: fl-hd, S, cd- or zn-pltd, No. 6 0.138-32NC-2A x 3/4 (133440).	ea	4			
			P	F	----	5305-013-2911	SCREW, MACHINE: rd-hd, S, cd- or zn-pltd, No. 10 0.190-32NF-2A x 5/8 relay panel (alternator) (132911).	ea	1			
			P	F	----	5305-013-2915	SCREW, MACHINE: rd-hd, S, cd- or zn-pltd, No. 10 0.190-32NF-2A x 3/4 cover (alternator) (132915).	ea	6			
			P	F	----	5305-043-6644	SCREW, MACHINE: rd-hd, S, cd- or zn-pltd, No. 4 0.112-40NC-2A x 3/4 (132656).	ea	2			
			P	F	----	5310-209-5311	WASHER, LOCK: split, med, S, cd- or zn-pltd, No. 4 0.112 screw size (131043).	ea	2			
			P	F	----	5310-582-5965	WASHER, LOCK: split, med, S, cd- or zn-pltd, 1/4 screw size (capacitor terminal post (4) and relay terminal post (1) alternator) (96906-35338-44).	ea	5			



(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
<i>06—ELECTRICAL SYSTEM—Continued</i>												
<i>0603—STARTER (fig. 29)</i>												
29	1		P	F		2920-633-5795	PARTS KIT, STARTER: (used w/starter, 2920-025-9988) (Auto-Lite) (5702328). Composed of: 1 HEAD (8328135) 1 BEARING (5346762)	ea	†			
	1.1											
	1.2											
29	2		P	F		5977-091-9764	KIT: brush (used w/starter, 2920-025-9988) (Auto-Lite) (8333766). Composed of: 2 BRUSH, GROUNDED (19728-MCS-1034S) 4 SPRING, BRUSH (7375301) 2 BRUSH, INSULATED (19728-MCS12)	ea	†			
	2.1											
	2.2											
	2.3											
29	3		C	F		5977-503-2304	HOLDER ASSEMBLY, ELECTRICAL CONTACT BRUSH: w/brush and spring (Auto-Lite) (7374938).	ea	1			
29	4		P	F		5330-291-1987	PACKING, PREFORMED: O-ring, class B material high flexibility, 1/8 thk, 3/8 id (commutator end head and drive end head) (Auto-Lite) (546875).	ea	2			
29	13		C	F		2920-346-5775	ARMATURE: starter (Auto-Lite) (8328057)	ea	2			
29	14		C	F		2920-096-8129	CLUTCH: assy (Auto-Lite) (8328139)	ea	1			
29	23		P	F		5330-050-1220	PACKING, PREFORMED: O-ring, class B material high flexibility, 1/16 in. thk, 3/8 in. id (drive pinion shifting yoke lever shaft) (Auto-Lite) (501220).	ea	1			
29	24		C	F		2920-040-1919	SHAFT: drive pinion shifting yoke (Auto-Lite) (8328067).	ea	1			
29	30		P	F		5305-281-4718	SCREW, MACHINE: hex-hd, S, plain fin., No. 8 0.164-32NC-2A x 5/16 (drive end housing) (Auto-Lite) (271122).	ea	6			
29	32		P	F		2920-364-5974	WICK: felt (commutator end bearing) (Auto-Lite) (5308307).	ea	1			
<i>NONILLUSTRATED ITEMS</i>												
			P	H		2920-569-8905	COIL SET: field, assy (Auto-Lite) (8333760)	ea	1			
			P	F		2920-737-4930	GASKET: switch housing terminal post (Auto-Lite) (7374930).	ea	2			
			C	F		2920-776-0417	PEDAL: starter, assy (Auto-Lite) (7760417)	ea	1			
			P	F		5305-013-1954	SCREW, MACHINE: fil-hd, S, cd- or zn-pltd, No. 8 0.164-32NC-2A x 1/4 (Auto-Lite) (131954).	ea	1			

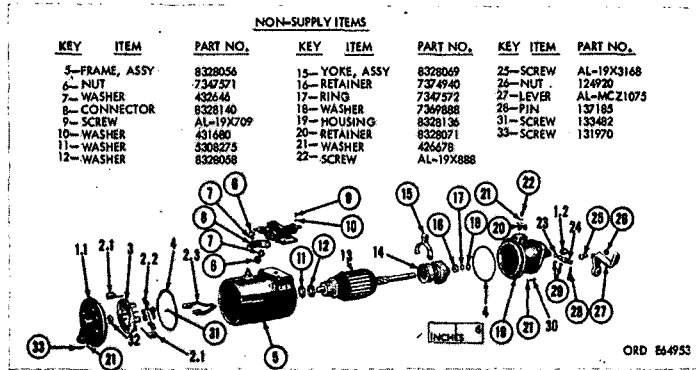
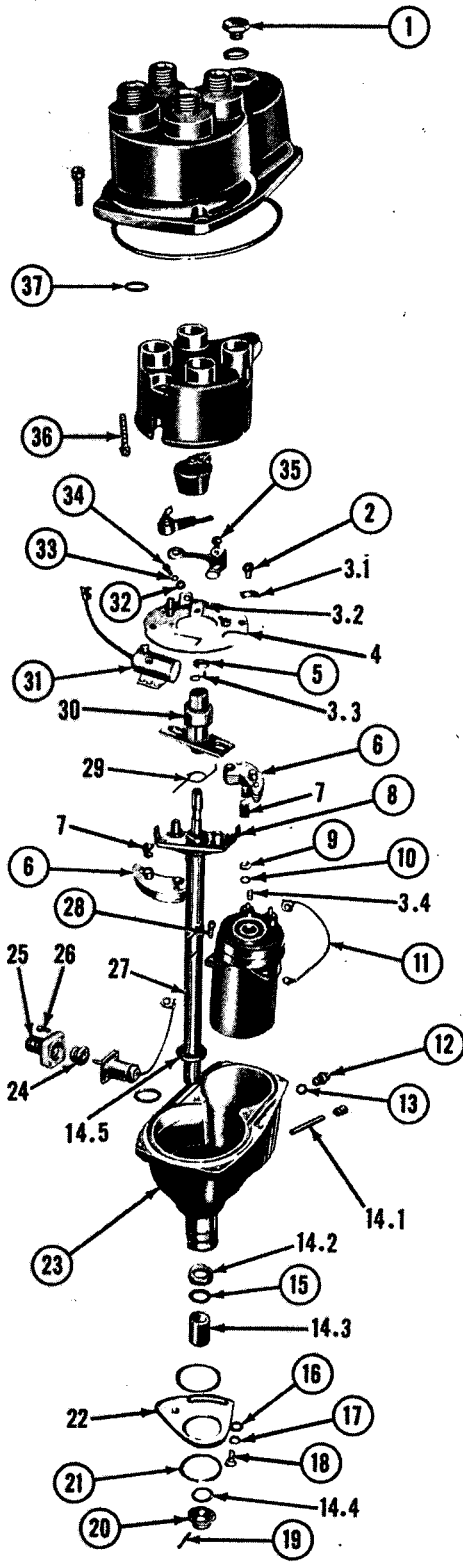


Figure 29. Starter assembly—exploded view.



NON-SUPPLY ITEMS

1	PLUG	7374888
2	SCREW W/LOCKWASHER	591400
5	WICK	5346784
6	WEIGHT	7706790
8	SPACER	5346768
9	NUT	120614
10	WASHER	431680
11	LEAD, ASSY	7374878
12	PLUG	7347547
13	WASHER	7346969
15	WASHER	AL-1AU10
16	WASHER	120387
17	WASHER	431543
18	BOLT	214002
19	PIN	112011
20	COLLAR	7351133
21	GASKET	7375110
23	BASE, ASSY	8329785
28	SCREW W/LOCKWASHER	455214
31	CAPACITOR, ASSY	7374881
32	WASHER	131014
33	WASHER	500494
34	SCREW	583842
35	SCREW	455210
36	SCREW W/LOCKWASHER	455219
37	WASHER	7374894



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Figure 30. Distributor assembly—exploded view.

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
							<i>06—ELECTRICAL SYSTEM—Continued</i>					
							<i>0605—DISTRIBUTOR ASSY (fig. 30)</i>					
30	3		P	F		2920-606-9378	PARTS KIT, BREAKER PLATE: (5702562). Composed of: 2 HOLDER (7374885) 1 CLIP (5346775) 1 RING (5346767) 1 SPRING (7374893)	ea	‡			
	3.1											
	3.2											
	3.3											
	3.4											
30	4		C	F		2920-353-7204	PLATE, IGNITION CONTACT BREAKER: (Auto-Lite) (7374887).	ea	1			
30	7		P	F		5340-350-2288	SPRING SET: governor weight (Auto-Lite) (7376393). Composed of: 2 SPRING (19728-IGB284)	ea	1			
30	14		P	F		2920-606-9376	PARTS KIT, DISTRIBUTOR BASE: (570-2524). Composed of: 1 WICK (8729787) 1 SEAL (7351671) 2 BEARING (6167596) 1 WASHER (5307283) 1 WASHER (7980860)	ea	‡			
	14.1											
	14.2											
	14.3											
	14.4											
	14.5											
30	22		X2	F		2920-737-5372	ARM: control, spark advance (Auto-Lite) (7375372).	ea	1			
30	24		P	F		5325-358-7900	GROMMET: receptacle to housing (Auto-Lite) (8328076).	ea	1			
30	25		P	F		5935-306-2072	RECEPTACLE: wiring harness (8329786)-----	ea	1			
30	26		P	F		5305-696-5305	SCREW, ASSEMBLED WASHER: fil-hd, w/int-teeth, S, cd- or zn-pltd, No. 6 0.138-32NC-2 x 1/2 (wiring harness receptacle) (455215).	ea	4			
30	27		P	F		2920-737-5376	SHAFT: w/weight plate, assy (Auto-Lite) (7375376).	ea	1			
30	29		P	F		2920-353-7255	SPRING: anti-rattle, breaker cam (7412960)---	ea	1			
30	30		P	F		2920-737-5378	CAM, BREAKER STOP PLATE: assy (Auto-Lite) (7375378).	ea	1			
							<i>NONILLUSTRATED ITEM</i>					
			C	F		5340-361-7935	SPRING: friction, drive shaft (7347355)-----	ea	1			



(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Materiel code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
30	1	---	C	F	---	6250-353-0955	<i>06—ELECTRICAL SYSTEM—Continued</i> <i>0609—RIGHT SERVICE, BLACKOUT TAIL, AND STOPLIGHT ASSEMBLY (fig. 31)</i> CONNECTOR SOCKET, W/WIRING: assy right taillight (7526005).	ea	1			

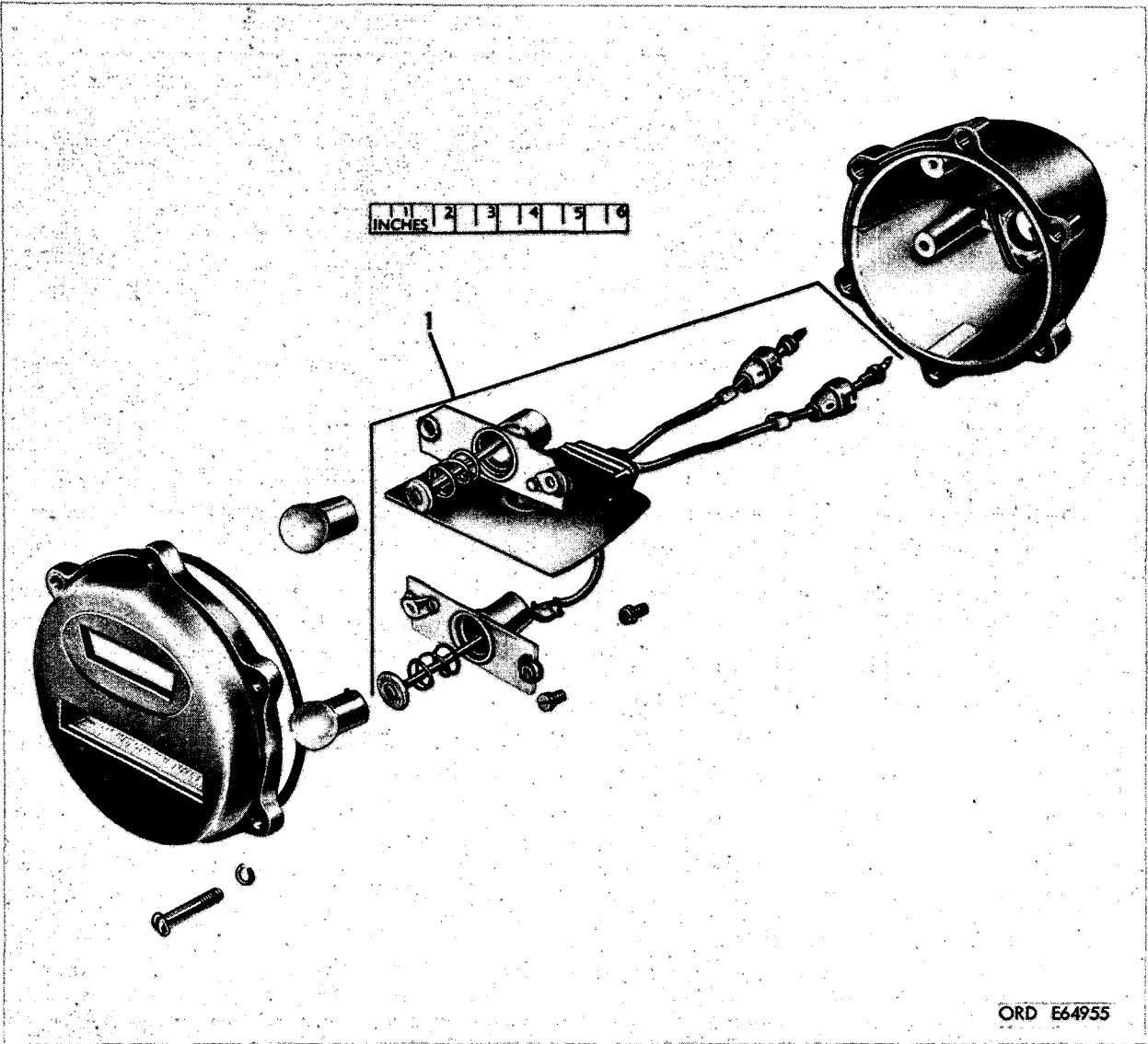


Figure 31. Right service, blackout tail, and stoplight assembly—exploded view.

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
							06—ELECTRICAL SYSTEM—Continued					
							0609—SERVICE HEADLIGHT ASSEMBLY (fig. 32)					
32	2	---	C	F	---	5305-353-0969	SCREW, MACHINE: adjusting, service headlight lamp-unit (7538146).	ea	4			
32	4	---	P	F	---	5325-752-5365	GROMMET, RUBBER: blackout driving light (1) and headlight (2) (7525365).	ea	3			

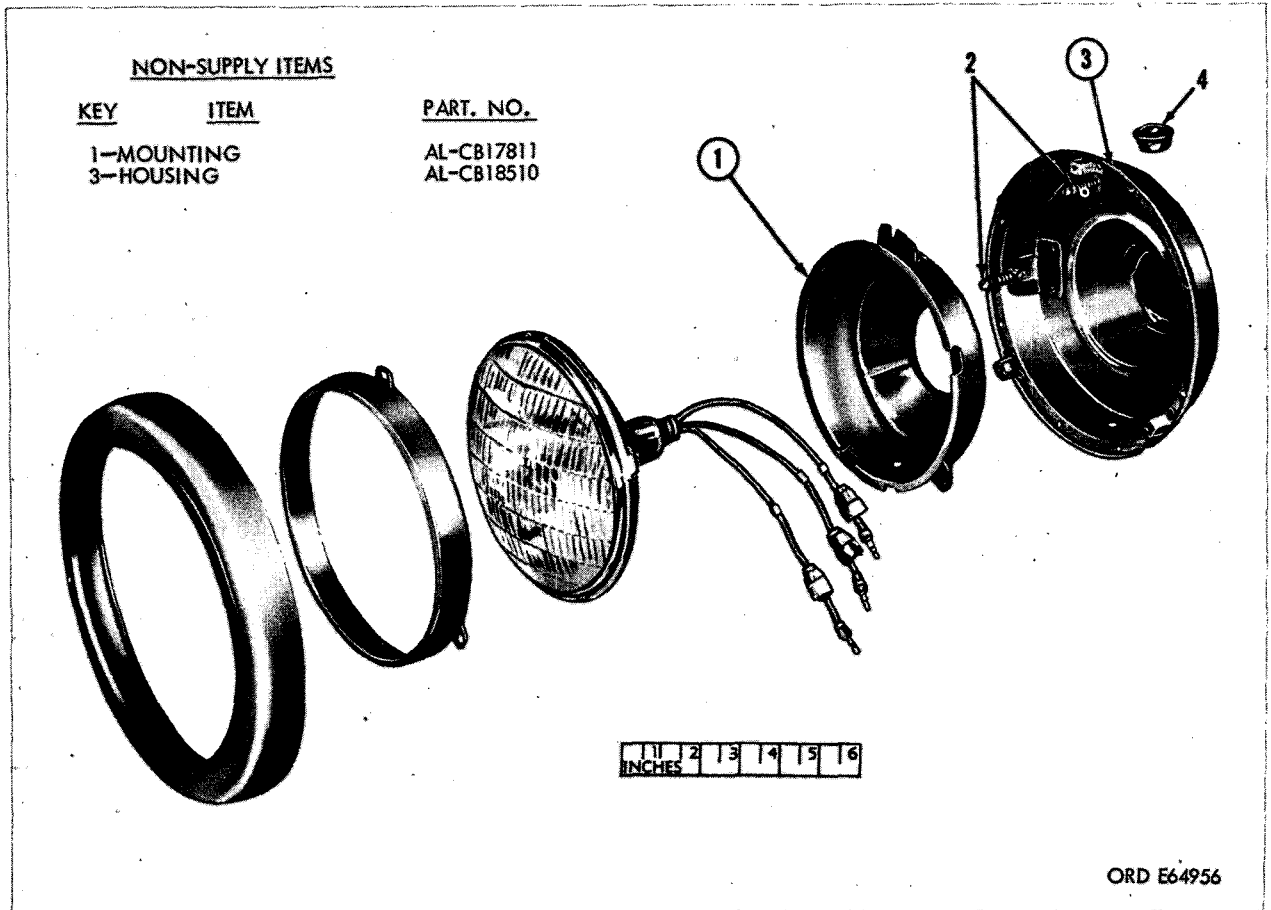


Figure 32. Service headlight assembly—exploded view.

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
33	2		P	F		2590-693-4227	06—ELECTRICAL SYSTEM—Continued  0613—CHASSIS WIRING (fig. 33)  WIRING HARNESS: wiring, light switch, assy front and rear (8333282).	ea	1			
		KZ	P1	F		6145-548-2927	NONILLUSTRATED ITEMS  BRAID WIRE: fl, ind-cop, 25/2 in. w, automotive, bare strap, awg No. 4 (832x36) (ground strap) (19 in.) (ft) (80244-22-C-70) H0050811650 (bulk material).	ea	†			
			P	O		5975-644-3156	BUSHING, ELECTRICAL CONDUCTOR: S, cd- or zn-chromate-fin., 0.260 id, 0.180 over-all lg—kit, 5935-570-1060 (572999).	ea	150			
			P	F		5330-514-4459	RETAINER: PACKING: 30 deg-ck, al, cd-pltd, 0.766 id 1.052 od, 0.125 over-all lg—5935-570-1380 (7527641).	ea	5			

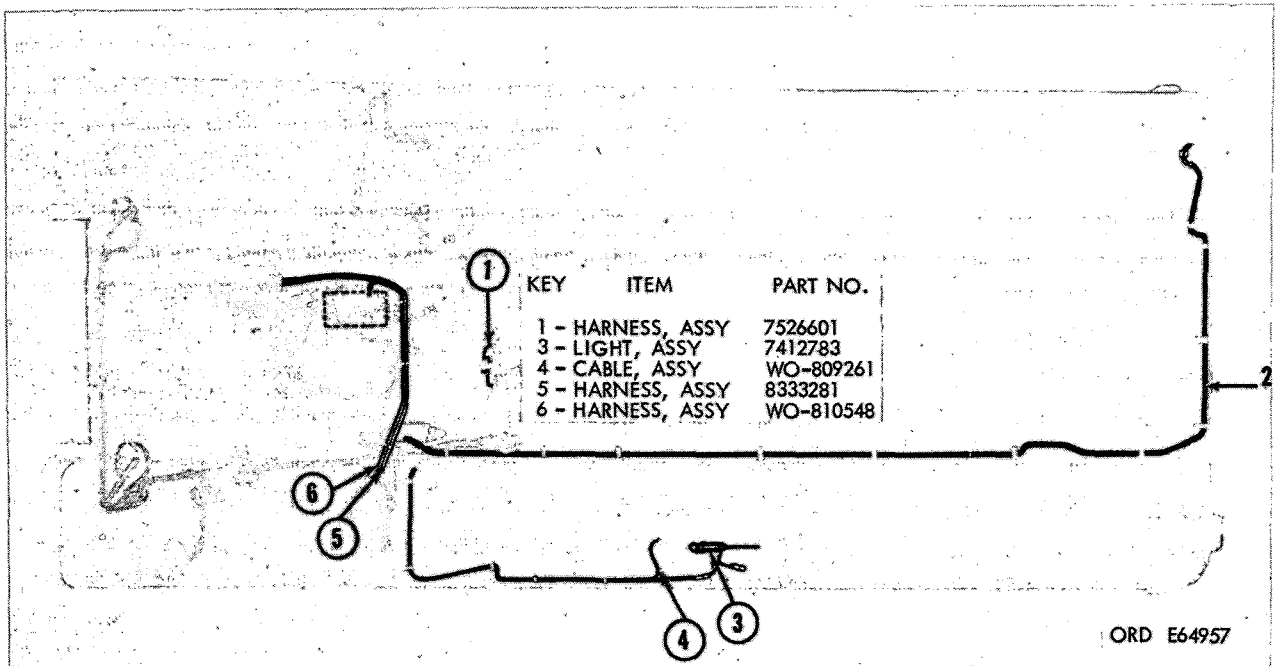


Figure 33. Chassis wiring.

**TM 9-2320-208-34P**

(1) Illustration		(2) Source, maint and recoverability code				(3)	(4)	(5)	(6)	(7) 15-day maint slw per 100 equip		(8)
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability	Federal stock No.	Description	Unit of issue	Qty inc in unit	(a) Dir sup	(b) Gen sup	Depot maint guide per 100 equip
34	4	----	P	F	----	2920-321-6447	<i>06—ELECTRICAL SYSTEM—Continued</i> <i>0613—CHASSIS WIRING (fig. 34)</i> HARNESS: wiring, voltage regulator, assy (8677431).	ea	1			

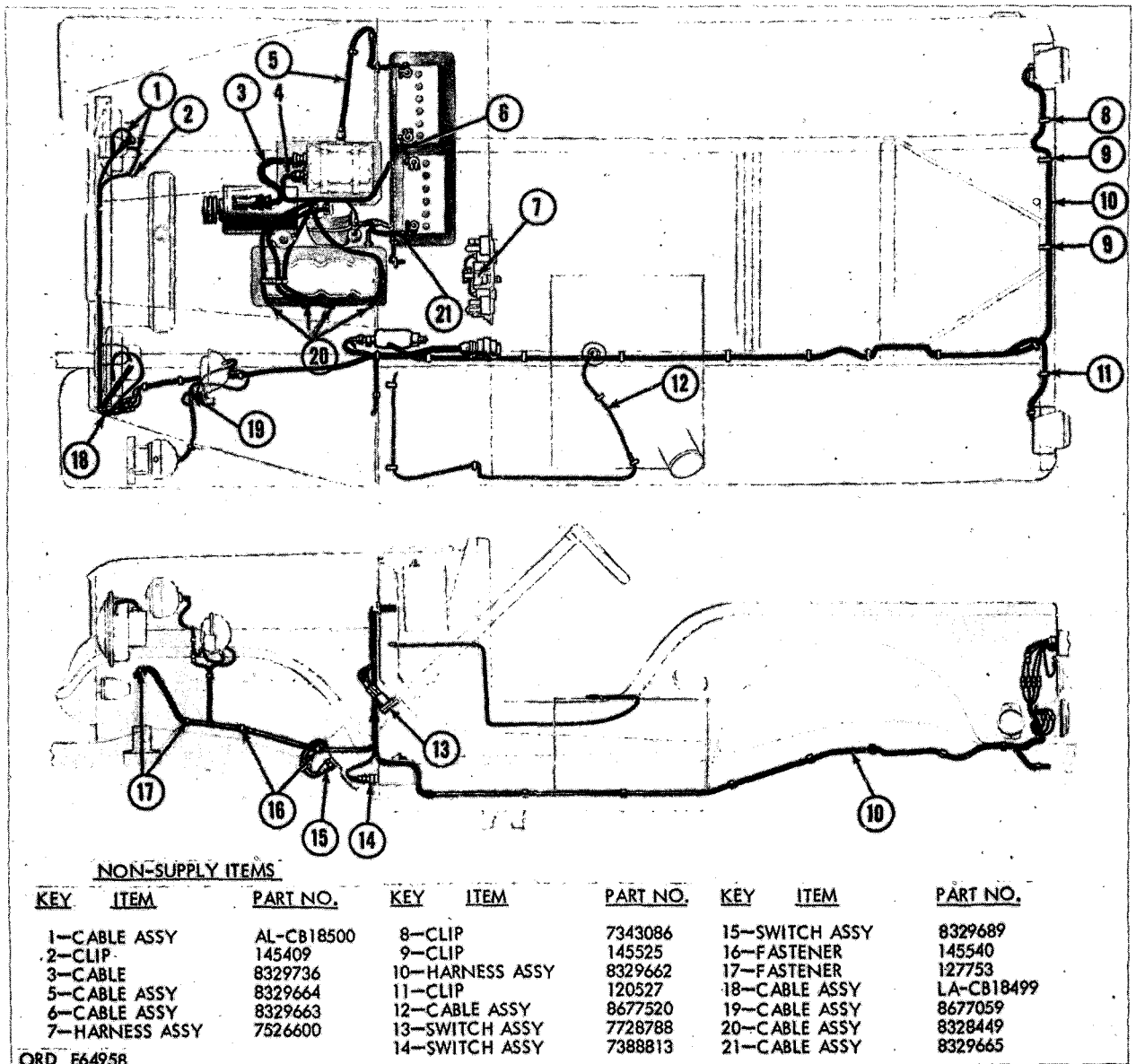


Figure 34. Chassis wiring.

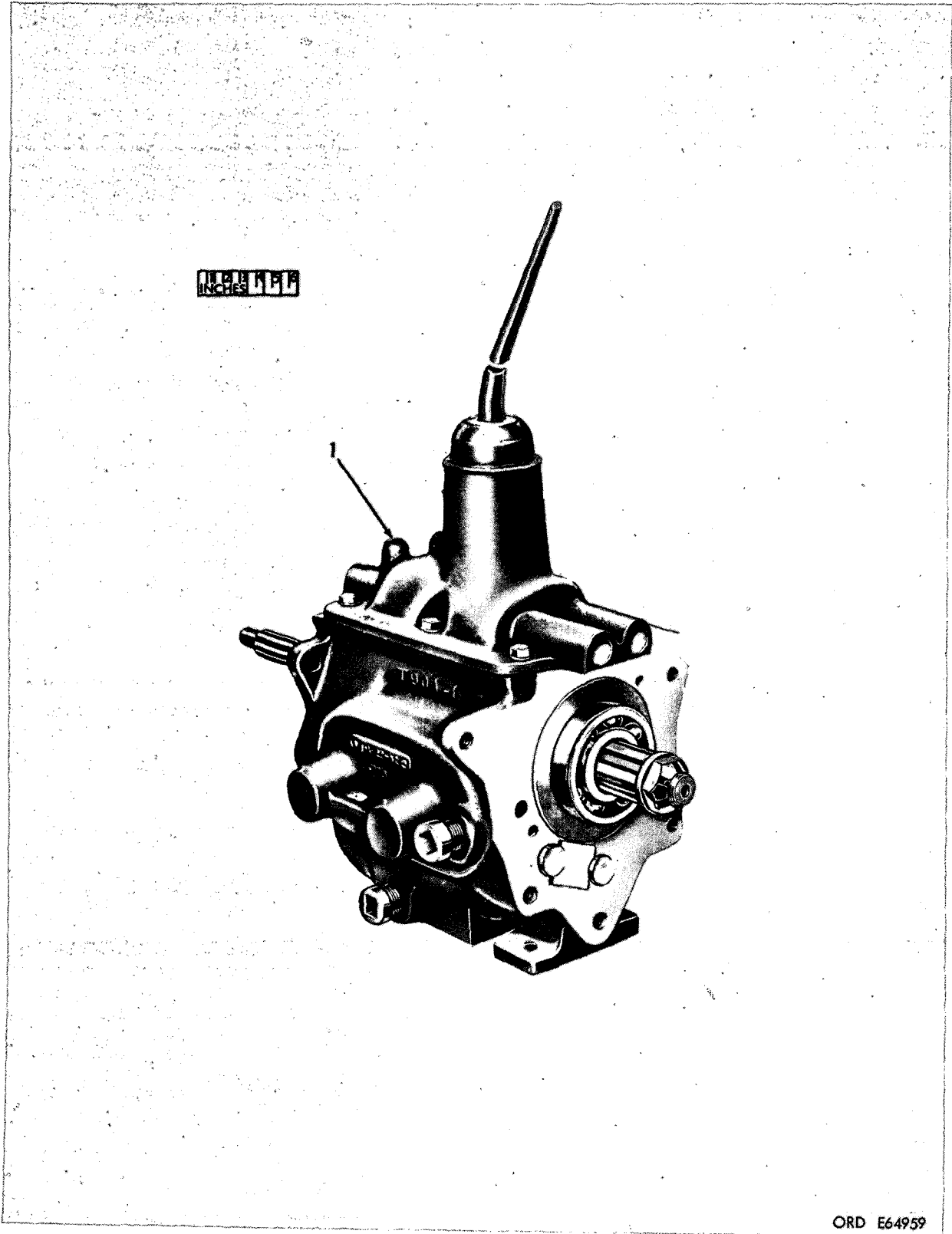


Figure 35. Transmission assembly.

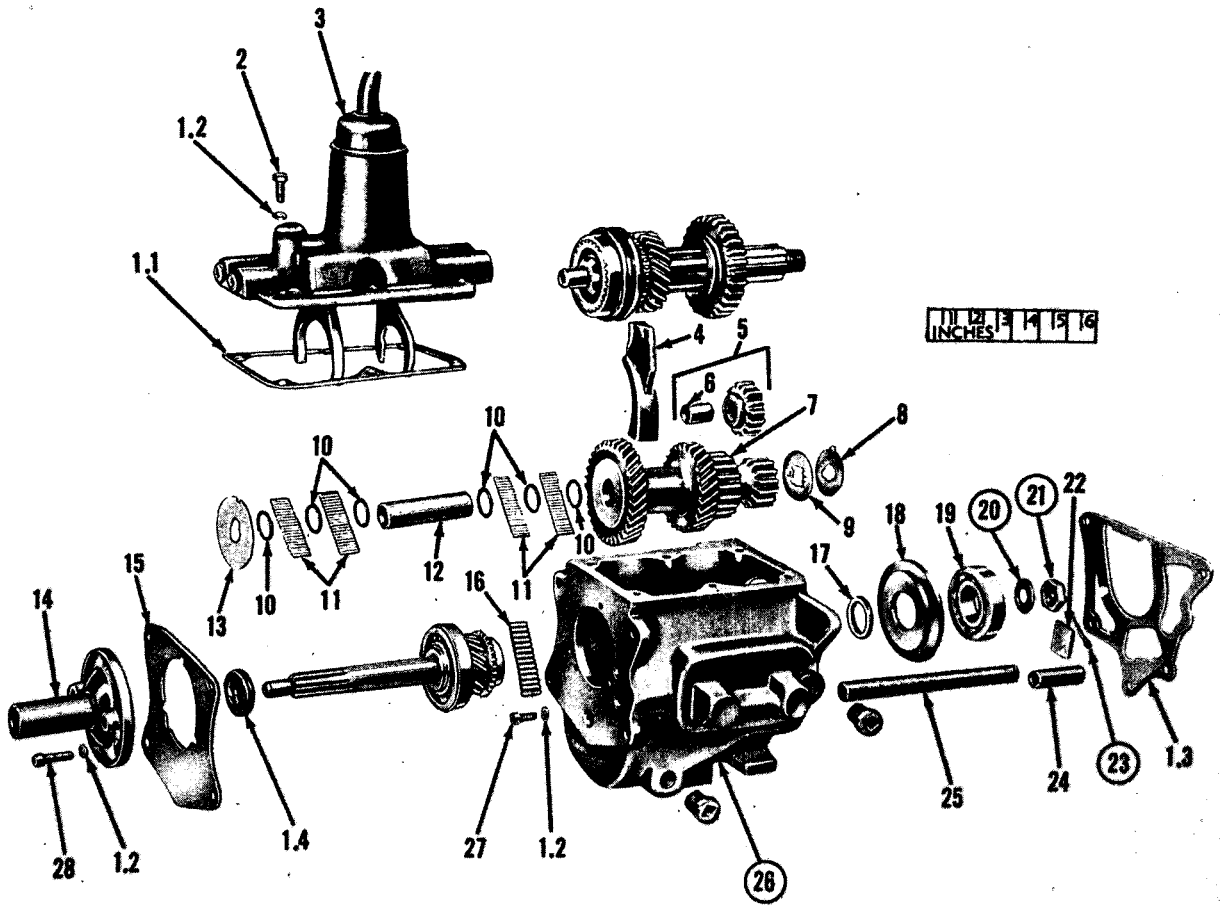
(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
<b>07—TRANSMISSION</b>												
<b>0700—TRANSMISSION ASSEMBLY</b>												
<i>(fig. 35)</i>												
35	1	---	P	F	R	2520-769-7471	TRANSMISSION: w/gear shift hand lever, assy (7697471).	ea	1			
			P	F	---	5305-012-2267	SCREW, CAP HEXAGON HEAD: low-carb-S, cd-or zn-pltd, 3/16-14UNC-2A x 1 1/4 (122267).	ea	4			
			P	F	---	5310-011-6104	WASHER, FLAT: lt cop., 15/32 id, 59/64 od, 0.065 thk, for 3/16 screw size (116104).	ea	4			
			P	F	---	5310-013-6857	WASHER, LOCK: ext-teeth S, cd-or zn-pltd, 3/16 screw size (136857).	ea	4			
36	1	---	P	F	---	2520-737-2880	GASKET SET: transmission (7372880)-----	ea	‡			
36	1.1	---				2520-737-4977	Composed of: 1 GASKET, top cover (7374977)					
36	1.2	---				5330-291-9013	5 GASKET, input shaft bearing cover bolt (3) and oil collector screw (2) (8329873)					
36	1.3	---				-----	1 GASKET, transmission to transfer case (7372878)					
36	1.4	---				-----	1 SEAL, oil input shaft bearing cover (7697572)					
							1 GASKET, gear shift hand lever retainer (7374976) (nonillustrated)					
							1 GASKET, input shaft bearing cover (7697565) (nonillustrated)					
36	15	---	C	F	---	2520-040-2585	GASKET: case to bell housing (8329853)-----	ea	1			



NON-SUPPLY ITEMS

KEY	ITEM	PART NO.
20	WASHER	7375131
21	NUT	7743652
23	PIN	120123
26	CASE	7372877

KEY	ITEM	GROUP
1	GASKET SET	0700
2	SCREW	0704
3	COVER	0704
15	GASKET	0700

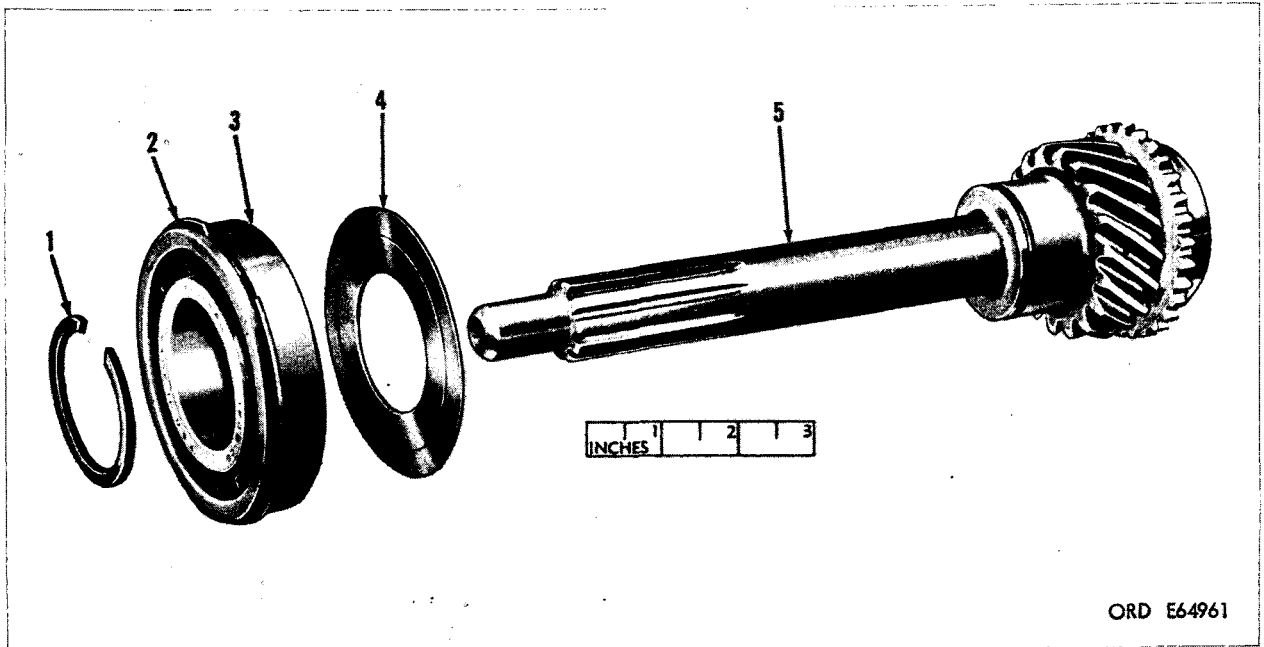


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Figure 36. Transmission shaft—exploded view.

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
							<i>07—TRANSMISSION—Continued</i>					
							<i>0701—TRANSMISSION SHAFTS (fig. 36)</i>					
36	4	---	C	H	---	2520-711-5827	COLLECTOR: oil, countershaft gear (7697420)	ea	1			
36	5	---	C	H	---	2520-769-7423	GEAR: reverse idler shaft, w/bearing, assy (7697423).	ea	1			
36	6	---	C	H	---	2520-769-7419	BEARING: bushing type, reverse idler shaft (7697419).	ea	1			
36	7	---	C	H	---	2520-769-7422	GEAR: cluster, countershaft (7697422).....	ea	1			
36	8	---	C	H	---	2520-769-7547	WASHER: thrust, countershaft cluster gear, rear (7697547).	ea	1			
36	9	---	C	H	---	3120-769-7429	WASHER: thrust, countershaft cluster gear, rear (7697429).	ea	1			
36	10	---	C	H	---	5310-769-7427	WASHER, FLAT: countershaft cluster gear bearing roller spacer (7697427).	ea	4			
36	11	---	P	H	---	3110-191-0502	ROLLER, NEEDLE BEARING: counter-shaft cluster gear bearing (712386).	ea	88			
36	12	---	C	H	---	2520-737-2667	SPACER, SLEEVE: countershaft cluster gear bearing roller (7372667).	ea	1			
36	13	---	C	H	---	2520-779-7428	WASHER: thrust countershaft cluster gear, front bronze (7697428).	ea	1			
36	14	---	C	F	---	2520-769-7564	COVER: retaining, thrust gear bearing (769-7564).	ea	1			
36	16	---	P	H	---	3110-227-3464	ROLLER BEARING: front 0.2188 dia, 0.7500 lg (712420).	ea	14			
36	17	---	C	H	---	5310-737-4992	SPACER, FLAT: rear bearing (7374992).....	ea	1			
36	18	---	C	H	---	2520-737-4991	ADAPTER: rear bearing (7374991).....	ea	1			
36	19	---	P	H	---	3110-144-8657	BEARING, BALL, ANNULAR: (700336).....	ea	1			
36	22	---	C	H	---	2520-769-7424	PLATE: lock, reverse idler shaft and counter-shaft (7697424).	ea	1			
36	24	---	C	H	---	2520-769-7425	SHAFT: reverse idler (7697425).....	ea	1			
36	25	---	C	H	---	2520-769-7421	COUNTERSHAFT: transmission (7697421)...	ea	1			
36	27	---	P	H	---	5306-057-1283	BOLT, INTERNAL WRENCHING: oil collector (571283).	ea	2			
36	28	---	P	H	---	5305-042-6892	SCREW CAP, SOCKET HEAD: hex-socket main drive gear bearing retainer (96906-35457-51).	ea	3			
							<i>NONILLUSTRATED ITEM</i>					
			C	H	---	2520-769-7546	WASHER: countershaft cluster gear, rear 0.0555 thk steel (7697546).	ea	1			

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip	
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup			
							<i>07—TRANSMISSION—Continued</i>						
							<i>0701—TRANSMISSION MAIN DRIVE GEAR ASSEMBLY (fig. 37)</i>						
37	1	---	C	H	---	5340-174-9836	RING, RETAINING: snap, bearing, inner 0.086-0.088 thk (7697568).	ea	‡				
37	1	---	C	H	---	5340-527-6883	RING, RETAINING: snap, inner 0.089-0.091 thk (5276883).	ea	‡				
37	1	---	C	H	---	5340-174-9854	RING, RETAINING: snap, bearing, inner 0.092-0.004 (7697569).	ea	‡				
37	1	---	C	H	---	5340-769-7571	RING, RETAINING: snap, bearing, inner 0.096-0.098 thk (7697571).	ea	‡				
37	2	---	C	H	---	5340-174-9838	RING, RETAINING: snap, bearing, outer 0.0625 thk (7697567).	ea	‡				
37	3	---	P	H	---	3110-155-6701	BEARING, BALL: mil-std-code 112-04002-0500 rad, sr, lt, loading groove, snap ring, 1.5748 bore, 3.1496 od, 0.7087 w (700763).	ea	1				
37	4	---	C	H	---	2520-769-7570	BAFFLE: oil (7697570)-----	ea	1				
37	5	---	C	H	---	2520-769-7566	SHAFT INPUT INTEGRAL: w/integral gear (7697566).	ea	1				

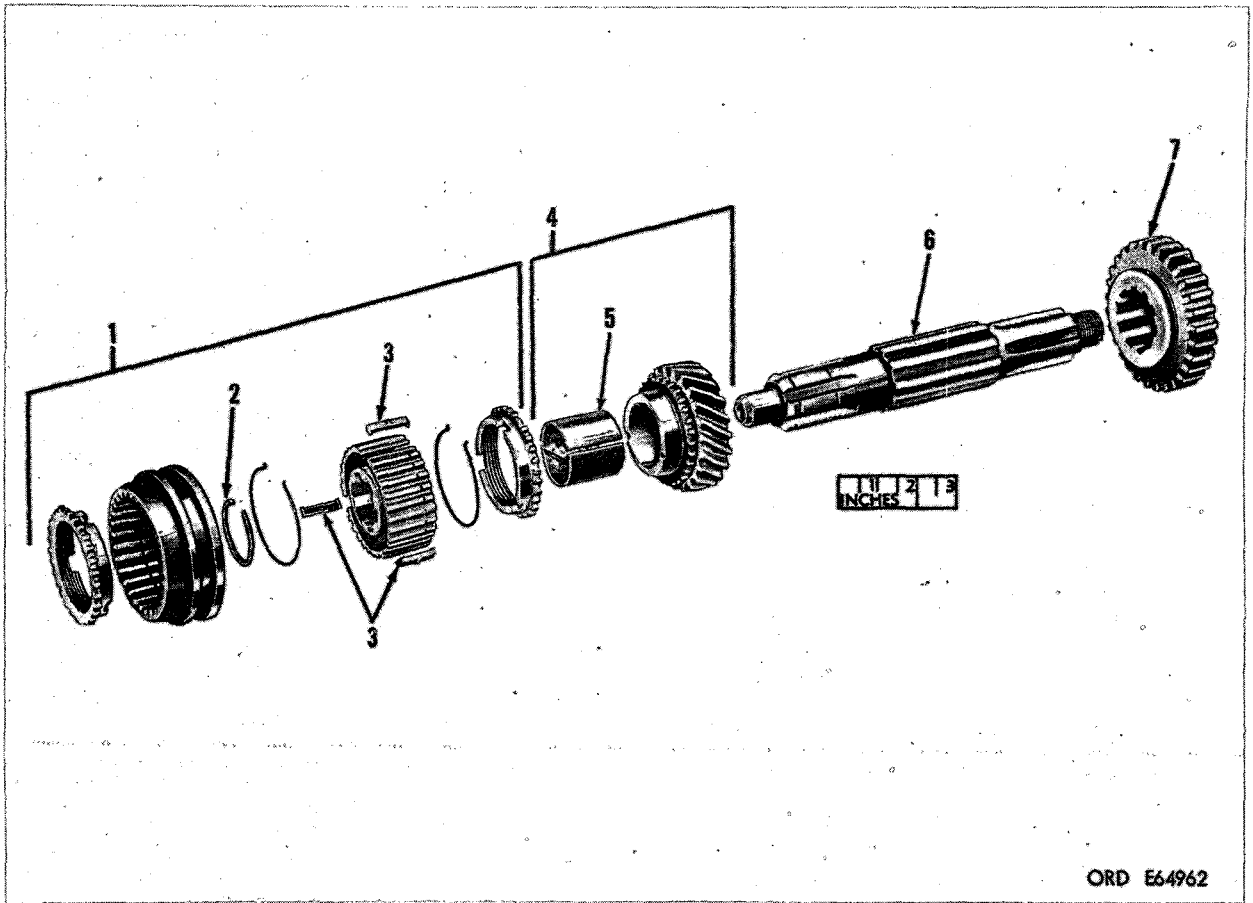


ORD E64961

Figure 37. Transmission main drive gear, assembly—partial exploded view.



(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Materiel code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
							<i>07—TRANSMISSION—Continued</i>					
							<i>0701—TRANSMISSION MAIN SHAFT ASSEMBLY (fig. 38)</i>					
38	1	----	C	H	----	2520-737-4999	SYNCHRONIZER: second and third speed w/ blocking ring, assy (7374999).	ea	1			
38	2	----	C	H	----	5340-350-7525	RING, RETAINING: snap, second and third speed synchronizer hub (7374996).	ea	1			
38	3	----	P	H	----	2520-495-1917	PLATE, SHIFTING, SYNCHRONIZING: second and high speed synchronizer (735-0113).	ea	3			
38	4	----	C	H	----	2520-737-4994	GEAR: second speed w/bearing, assy 22T, 2.970 od (7374994).	ea	1			
38	5	----	C	H	----	3120-737-4993	BEARING: bushing type, second speed gear (7374993).	ea	1			
38	6	----	C	H	----	2520-737-4998	SHAFT: main (7374998)-----	ea	1			
38	7	----	C	H	----	2520-737-4995	GEAR SPUR: sliding, first speed and reverse (7374995).	ea	1			



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Figure 38. Transmission main shaft assembly—exploded view.

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint slw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
							<i>07—TRANSMISSION—Continued</i>					
							<i>0704—TRANSMISSION TOP COVER ASSEMBLY (fig. 39)</i>					
39	1	----	C	F	----	2520-737-4974	LEVER: gear shift, w/ball and pin, assy (7374974).	ea	1			
39.	2	----	X2	F	----	2520-703-2624	BALL: fulcrum, gear shift lever (7032624).....	ea	1			
39	3	----	P	F	----	5315-737-2456	PIN, STRAIGHT HEADLESS: gear shift lever (7372456).	ea	1			
39	6	----	P	F	----	2520-737-4976	GASKET: gear shift hand lever retainer (☆☆ gasket set 2520-737-2880) (7374976).	ea	1			
39	7	----	C	F	----	5310-596-0031	WASHER: gear shift hand lever spring seat (7372448).	ea	1			
39	8	----	C	F	----	2520-499-8906	SPRING: support, gear shift hand lever (7374969).	ea	1			
39	10	----	C	F	----	2520-737-4971	SHAFT: shifter, first speed and reverse (737-4971).	ea	1			
39	11	----	P	F	----	5340-050-1592	PLUG, EXPANSION: S, 1 $\frac{1}{8}$ in., dia (shifter shaft hole) (501592).	ea	2			
39	12	----	C	F	----	2520-737-4970	SHAFT: shifter, second and third speed (7374970).	ea	1			
39	13	----	C	F	----	2520-737-4972	PLUNGER: interlock, shifter shaft (7374972)...	ea	1			
39	14	----	C	F	----	2520-499-8876	PLUG: shifter shaft interlock hole ( $\frac{3}{8}$ in.) (7374973).	ea	1			
39	15	----	C	F	----	5320-737-4978	PIN: shifter, second and high speed (7374978)...	ea	2			
39	16	----	C	F	----	2520-737-4980	FORK, SHIFTER: first and reverse speed gear (7374980).	ea	1			
39	17	----	C	F	----	2520-737-4979	FORK, SHIFTER: second and third speed gear (7374979).	ea	1			
39	19	----	C	F	----	5340-360-7579	SPRING: helical, compression shifter shaft detent ball (7351052).	ea	2			
39	20	----	P	F	----	4730-278-3039	PLUG, PIPE: ck, mi, $\frac{3}{8}$ in. (shifter shaft hole) (113185).	ea	2			
36	2	----	P	F	----	5305-012-0229	SCREW, CAP HEXAGON HEAD: low-carb-S, cd- or zn-pltd, $\frac{5}{16}$ -18UNC-2A x $\frac{7}{8}$ (control cover) (120229).	ea	6			
36	3	----	C	F	----	2520-703-2623	COVER: assy (7032623).....	ea	1			

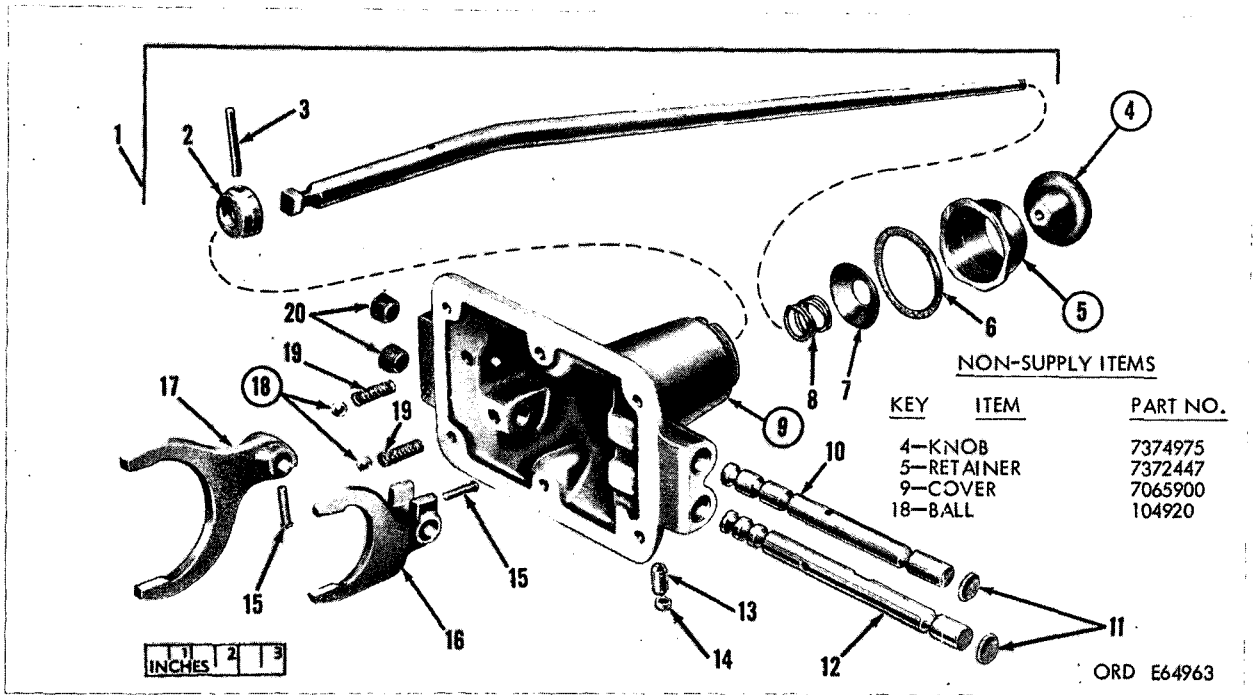
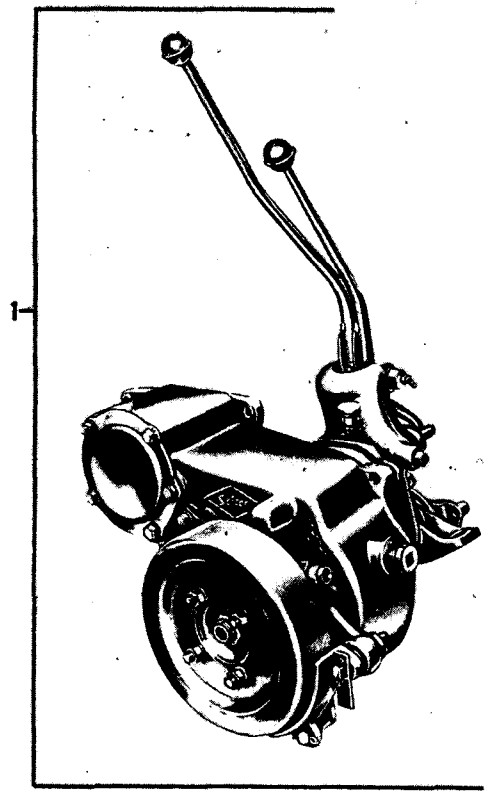


Figure 39. Transmission top cover assembly—exploded view.



(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Materiel code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
40	1		P	F	R	2520-307-8854	08—TRANSFER					
			P	F	----	5305-012-0233	0800—TRANSFER ASSEMBLY (fig. 40)	ea	1			
			P	F	----	5305-012-2138	TRANSFER: assy (8329993)-----	ea	1			
			P	F	----	5310-012-0930	SCREW, CAP HEXAGON HEAD: low-carb-S, cd- or zn-pltd, 3/8-16UNC-ZA x 1 (120233).	ea	4			
		P	F	----		SCREW, CAP, HEXAGON HEAD: S, cd- or zn-pltd, 3/8 16UNC-2A x 1 1/8 (122138).	ea	5				
						WASHER, LOCK: ext-teeth, S, phos-ctd, 3/8 screw size (120930).	ea					

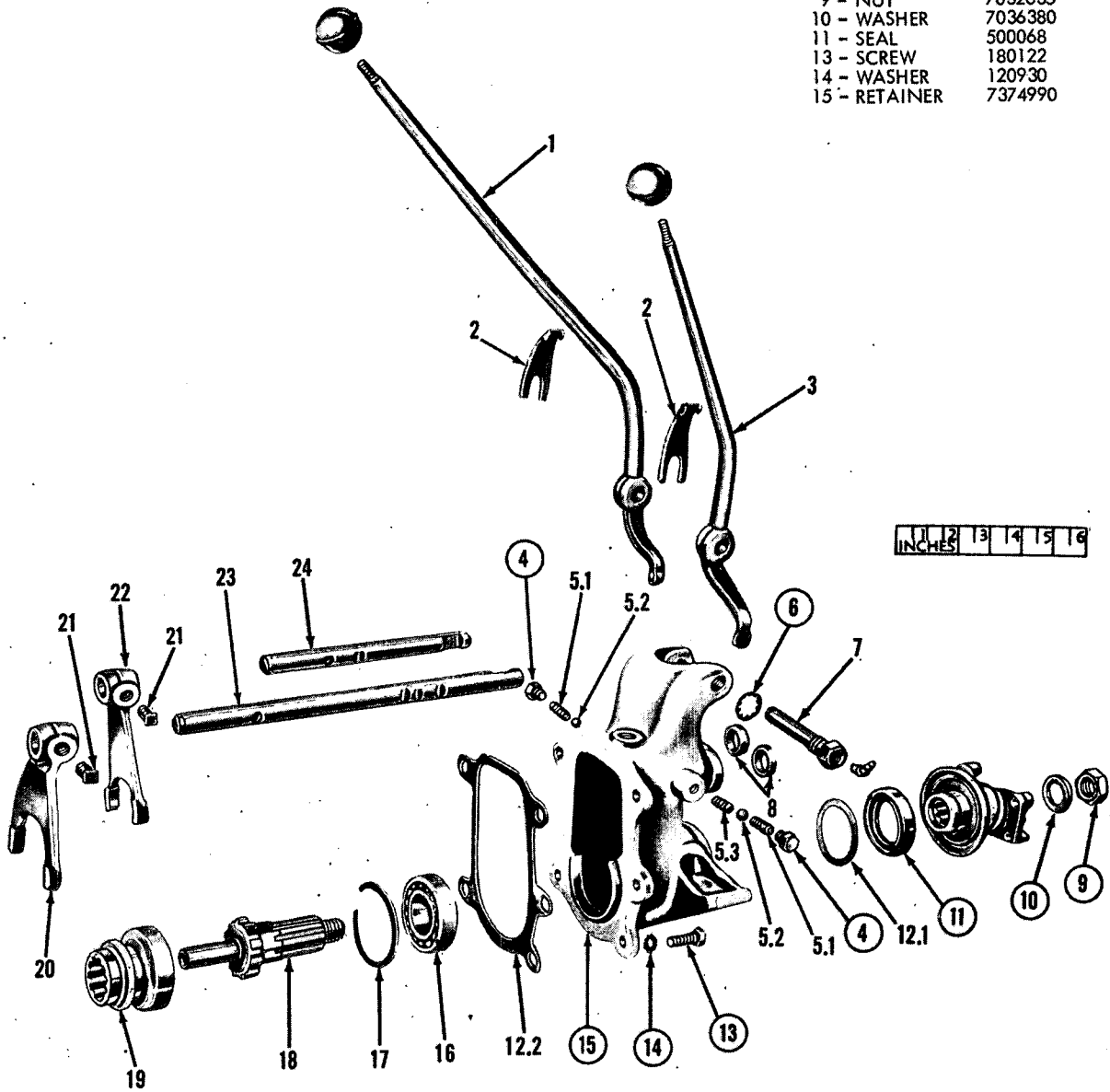


ORD E64964

Figure 40. Transfer assembly.

NON-SUPPLY ITEMS

KEY	ITEM	PART NO.
4	PLUG	7696481
6	WASHER	180556
9	NUT	7032635
10	WASHER	7036380
11	SEAL	500068
13	SCREW	180122
14	WASHER	120930
15	RETAINER	7374990



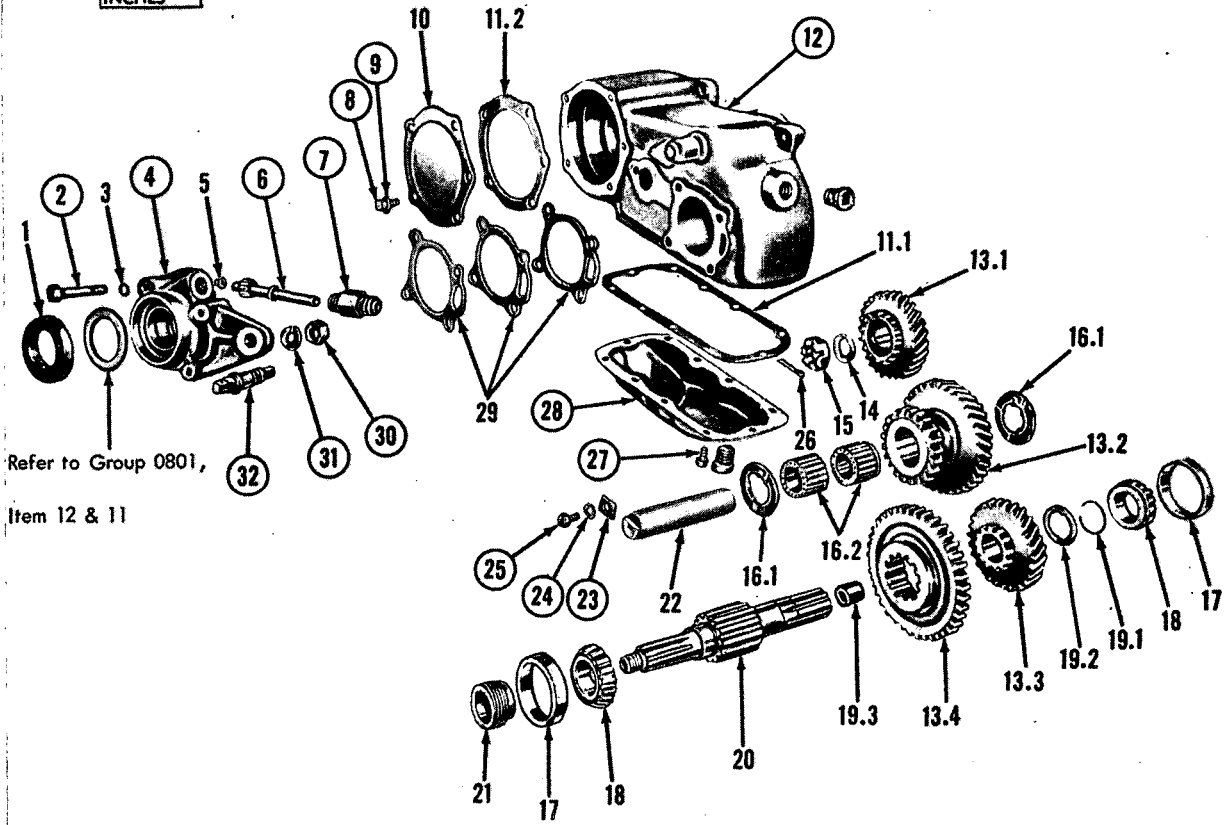
ORD E64965

Figure 41. Power transfer assembly—partial exploded view.

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint slw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
<i>08—TRANSFER—Continued</i>												
<i>0801—POWER TRANSFER ASSEMBLY (fig. 41)</i>												
41	1	---	C	F	---	2520-769-7470	LEVER: high and low range hand gear shift (7697470).	ea	1			
41	2	---	C	F	---	5340-737-4968	SPRING: gear shift hand lever (7374968).....	ea	2			
41	3	---	C	F	---	2520-737-4966	LEVER: gear shaft (front wheel drive) (7374966).	ea	1			
41	5	---	P	F	---	2520-629-2363	PART KIT, SHIFTER SHAFT: (5702310)....	ea	†			
	5.1	---			---	-----	Composed of: 2 SPRING (5214784)					
	5.2	---			---	-----	2 BALL (104920)					
	5.3	---			---	-----	1 INTERLOCK (7373112)					
41	7	---	P	H	---	5315-737-4967	PIN: pivot, gear shift hand lever (7374967)...	ea	1			
41	8	---	P	H	---	5330-291-2785	SEAL: oil, type ml, 5/8 x 1.128 x 3/8 (shifter shaft) (500007).	ea	2			
41, 42	12, 11	---	P	H	---	2520-737-5080	GASKET SET: case (7375080).....	ea	†			
		---			---	-----	Composed of: 2 GASKET, output shaft bearing retainer oil seal, front and rear (7373157)					
41	12.1	---			---	-----	1 GASKET, output shaft bearing retainer oil seal, front (7373156)					
42	11.1	---			---	-----	1 GASKET, bottom cover (7375053)					
42	11.2	---			---	-----	1 GASKET, rear cover (7373162)					
41	16	---	P	H	---	3110-144-8526	BEARING, BALL ANNULAR: mil-std-code 111-03002-0000 sr, rad, non-loading groove, both rings same width, ABEC 1, std fit, 30mm bore, 62mm od, 16mm w (700079).	ea	1			
41	17	---	C	H	---	5340-737-3185	RING, RETAINING: snap (bearing) (7373185)...	ea	1			
41	18	---	C	H	---	2520-028-3435	SHAFT: output, front axle (8329674).....	ea	1			
41	19	---	C	H	---	2520-495-7097	GEAR: clutch (7371212).....	ea	1			
41	20	---	C	H	---	2520-495-7099	FORK: shifter (rear axle output shaft sliding gear) (7373116).	ea	1			
41	21	---	C	H	---	5305-272-6224	SCREW: set, S, 3/8-24NF x 0.72 (5214776)....	ea	2			
41	22	---	C	H	---	2520-495-7100	FORK: shifter front axle output shaft clutch gear (7373117).	ea	1			
41	23	---	C	H	---	2520-737-3119	SHAFT: shifter (rear axle output shaft sliding gear shifter fork) (7373119).	ea	1			
41	24	---	C	H	---	2520-495-7101	SHAFT: shifter (front axle output shaft clutch gear shifter fork) (7373118).	ea	1			
<i>NONILLUSTRATED ITEM</i>												
		---	P	F	---	5330-593-6464	FELT, MECHANICAL, PREFORMED (8331793).	ea	1			

KEY	ITEM	GROUP
6	- GEAR	4701
7	- SLEEVE	4701
11.1	- GASKET	0801
11.2	- GASKET	0801

INCHES 6



Refer to Group 0801,

Item 12 & 11

NON-SUPPLY ITEMS

KEY	ITEM	PART NO.	KEY	ITEM	PART NO.
2	- SCREW	180132	24	- WASHER	120382
4	- CAP	SP-18-19-33	25	- SCREW	180118
6	- GEAR	8328480	27	- BOLT	217233
7	- SLEEVE	8328481	28	- COVER	7375052
8	- SCREW	180120	30	- NUT	124944
9	- WASHER	120930	31	- WASHER	131205
12	- CASE	7375051	32	- PIN	8329629
23	- PLATE	7371213			

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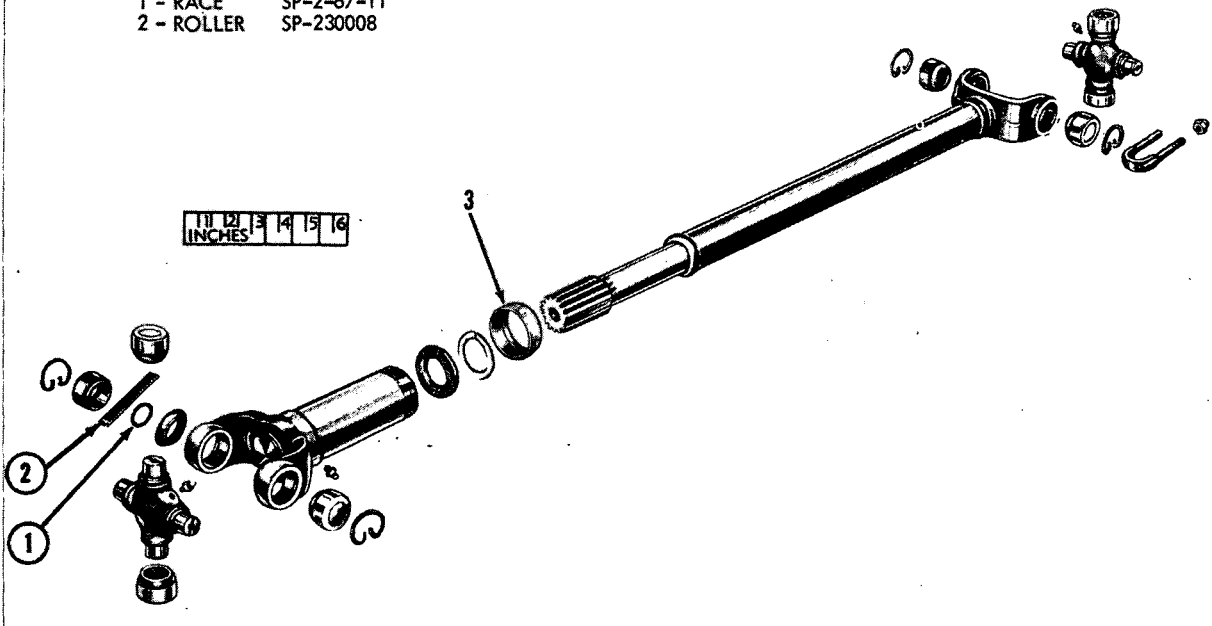
Figure 42. Transfer front bearing retainer and shifter shafts—exploded view.

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
<i>08—TRANSFER—Continued</i>												
<i>0803—TRANSFER FRONT BEARING RETAINER AND SHIFTER SHAFTS (fig. 42)</i>												
42	1	---	P	H	---	5330-752-7862	SEAL, PLAIN, ENCASED: S, or semi-rigid nonmetallic case, spring-loaded sealing member, 1 $\frac{9}{16}$ shaft dia, 2 $\frac{1}{2}$ bore dia, $\frac{1}{2}$ w (front) (500068).	ea	1			
42	5	---	C	H	---	2520-516-7516	BEARING: bushing type (speedometer drive gear) (5167516).	ea	1			
42	9	---	P	F	---	5310-012-0930	WASHER, LOCK: ext-teeth, S, phos-ctd, $\frac{3}{8}$ screw size (rear cover) (96906-35335-49).	ea	5			
42	10	---	C	F	---	2520-736-9850	COVER: transfer case (rear) (7369850)-----	ea	1			
42	13	---	P	F	---	2520-629-2364	GEAR SET, TRANSFER TRANSMISSION: (5702311). Composed of:	ea	†			
	13.1	---			---	-----	1 GEAR (7375132)					
	13.2	---			---	-----	1 GEAR (7375134)					
	13.3	---			---	2520-769-7467	1 GEAR (7697467)					
	13.4	---			---	-----	1 GEAR (7697468)					
42	14	---	C	H	---	5310-360-8171	WASHER, FLAT: plain, $\frac{29}{32}$ id x $1\frac{1}{16}$ od x $\frac{3}{32}$ thk (drive gear) (7375131).	ea	1			
42	15	---	C	H	---	5310-275-3460	NUT, CASTELLATED, HEXAGON: transfer input shaft gear (7743652).	ea	1			
42	16	---	CP	H	---	2520-629-2362	PARTS, KIT, COUNTERSHAFT: (5702309). Composed of:	ea	†			
	16.1	---			---	-----	2 BEARING (708234)					
	16.2	---			---	-----	2 WASHER (7375135)					
42	17	---	P	H	---	3110-100-0516	CUP, TAPERED ROLLER BEARING: mil-std-code 711-14276-1000 sr, 2.7170 od, 0.6250 w (706821).	ea	2			
42	18	---	P	H	---	3110-100-3146	CONE, TAPERED ROLLER BEARING: mil-std-code 711-14131-3000 includes rollers and gage, sr, 1.3125 bore, 0.7710 w (rear axle output shaft) (705399).	ea	2			
42	19	---	P	H	---	2520-629-2361	PARTS, KIT, BEARING, OUTPUT SHAFT: (5702308). Composed of:	ea	†			
	19.1	---			---	-----	1 RING (7373165)					
	19.2	---			---	-----	1 WASHER (7371204)					
	19.3	---			---	-----	1 BEARING (7373115)					
42	20	---	C	H	---	2520-040-2482	SHAFT: output, rear axle, w/bearing, nut and washer, assy (8328479).	ea	1			
42	21	---	C	H	---	2520-737-3166	GEAR: speedometer (drive) (7373166)-----	ea	1			
42	22	---	C	H	---	2520-737-5133	COUNTERSHAFT: transfer (7375133)-----	ea	1			
42	26	---	P	H	---	5315-012-0123	PIN, COTTER: S, cd- or zn-pltd, $\frac{1}{8}$ x $1\frac{1}{4}$ (drive gear) (120123).	ea	1			

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
							<i>08—TRANSFER—Continued</i>					
							<i>0803—TRANSFER FRONT BEARING RETAINER AND SHIFTER SHAFTS (fig. 42)—Continued</i>					
42	29	---	C	H	---	2520-737-1591	SHIM SET: rear bearing retainer (7371591)--- Composed of: 4 SHIM, 0.003 (7373158) 4 SHIM, 0.010 (7373159) 4 SHIM, 0.031 (7373160)	ea	‡			
							<i>09—PROPELLER AND PROPELLER SHAFTS</i>					
							<i>0900—FRONT PROPELLER SHAFT AND RELATED PARTS (fig. 43)</i>					
43	3	---	C	F	---	2520-769-7608	CAP: dust (universal joint sleeve yoke) (769-7608).	ea	2			

NON-SUPPLY ITEMS

KEY	ITEM	PART NO.
1	RACE	SP-2-67-11
2	ROLLER	SP-230008

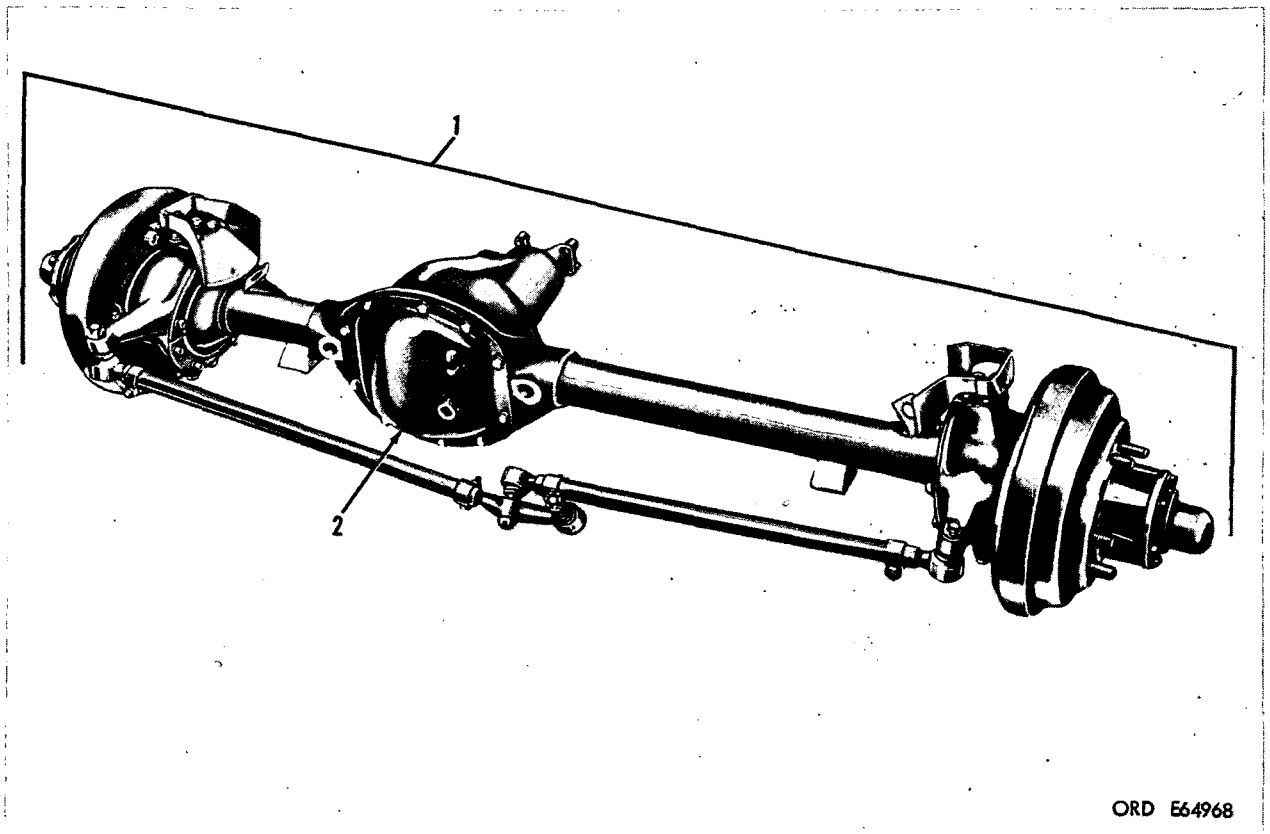


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Figure 43. Front propeller shaft and related parts—exploded view.



(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability					(a) Dir sup	(b) Gen sup	
							<b>10—FRONT AXLE</b>					
							<i>1000—FRONT AXLE ASSEMBLY (fig. 44)</i>					
44	1	---	P	F	R	2520-040-2595	AXLE: w/brakes, drum and hub assy (832-9992).	ea	1			
44	2	---	C	F	---	2520-737-2842	COVER: gear carrier housing (7372842)-----	ea	1			



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Figure 44. Front axle assembly.

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
							<b>10—FRONT AXLE—Continued</b>					
							<b>1002—FRONT AXLE DIFFERENTIAL AND RELATED PARTS (fig. 45)</b>					
45	2	---	P	F	---	5330-291-2790	SEAL: oil, type mw, 1 $\frac{3}{16}$ x 2.004 x $\frac{1}{4}$ shaft, inner (500030).	ea	2			
45	3	---	P	H	---	3110-100-0543	CUP, TAPERED ROLLER BEARING: mil-std-code 711-24721-1000 sr, 3.0000 od, 0.8125 w case (706849).	ea	2			
45	4	---	P	H	---	3110-100-3537	CONE, TAPERED ROLLER BEARING: mil-std-code 711-24780-3000 (includes rollers and cage), sr, 1,6250 bore, 0.9063 w case (705438).	ea	2			
45	5	---	C	F	---	2520-737-1440	SHIM SET: case bearing (7371440)----- Composed of: 2 SHIM 0.003 (7372843) 2 SHIM 0.005 (7372844) 3 SHIM 0.010 (7372845) 3 SHIM 0.030 (7372846)	ea	†			
	5.1	---			---							
	5.2	---			---							
	5.3	---			---							
	5.4	---			---							
45	6	---	C	H	---	2520-703-2627	KIT: repair, bevel gear and pinion (7032627).. Composed of: 1 GEAR SET, bevel gear pinion (formate type) (8677076). 4 PLATE, bevel gear screw (7372857) 8 SCREW, bevel gear (7372863)	ea	1			
45	6.1	---			---							
45	6.2	---			---	2534-737-2857						
45	6.3	---			---							
45	7	---	P	H	---	3110-227-3079	CONE, TAPERED ROLLER BEARING: type ts, 1.375 bore, 1.125 w (bevel pinion, inner) (8329852).	ea	1			
45	8	---	P	H	---	3110-100-0571	CUP, TAPERED ROLLER BEARING: mil-std-code 711-31520-1000 sr, 3.0000 od, 0.9375 w (bevel pinion, inner) (706877).	ea	1			
45	9	---	P	F	---	2520-737-1439	SHIM SET: bevel pinion (7371439)----- Composed of: 2 SHIM, INNER 0.003 (7372847) 2 SHIM, INNER 0.005 (7372848) 2 SHIM, INNER 0.010 (7372849) 2 SHIM, OUTER 0.003 (7372850) 2 SHIM, OUTER 0.005 (7372851) 2 SHIM, OUTER 0.010 (7372852) 1 SHIM, OUTER 0.030 (7372853)	ea	†			
45	9.1	---			---							
45	9.1	---			---							
45	9.1	---			---							
45	9.2	---			---							
45	9.2	---			---							
45	9.2	---			---							
45	9.2	---			---							
45	10	---	P	H	---	3110-100-0634	CUP, TAPERED ROLLER BEARING: mil-std-code 719-02820-1000 sr, 2.8750 od, 0.0675 w (bevel pinion, outer) (707063).	ea	1			
45	11	---	P	H	---	3110-100-3690	CONE, TAPERED ROLLER BEARING: mil-std-code 719-02872-3000 (includes rollers and cage) sr, 1.1250 bore, 0.8750 w (bevel pinion, outer) (705271).	ea	1			
45	12	---	C	F	---	5310-769-6512	SLINGER: oil, bevel pinion bearing (7696512).	ea	1			

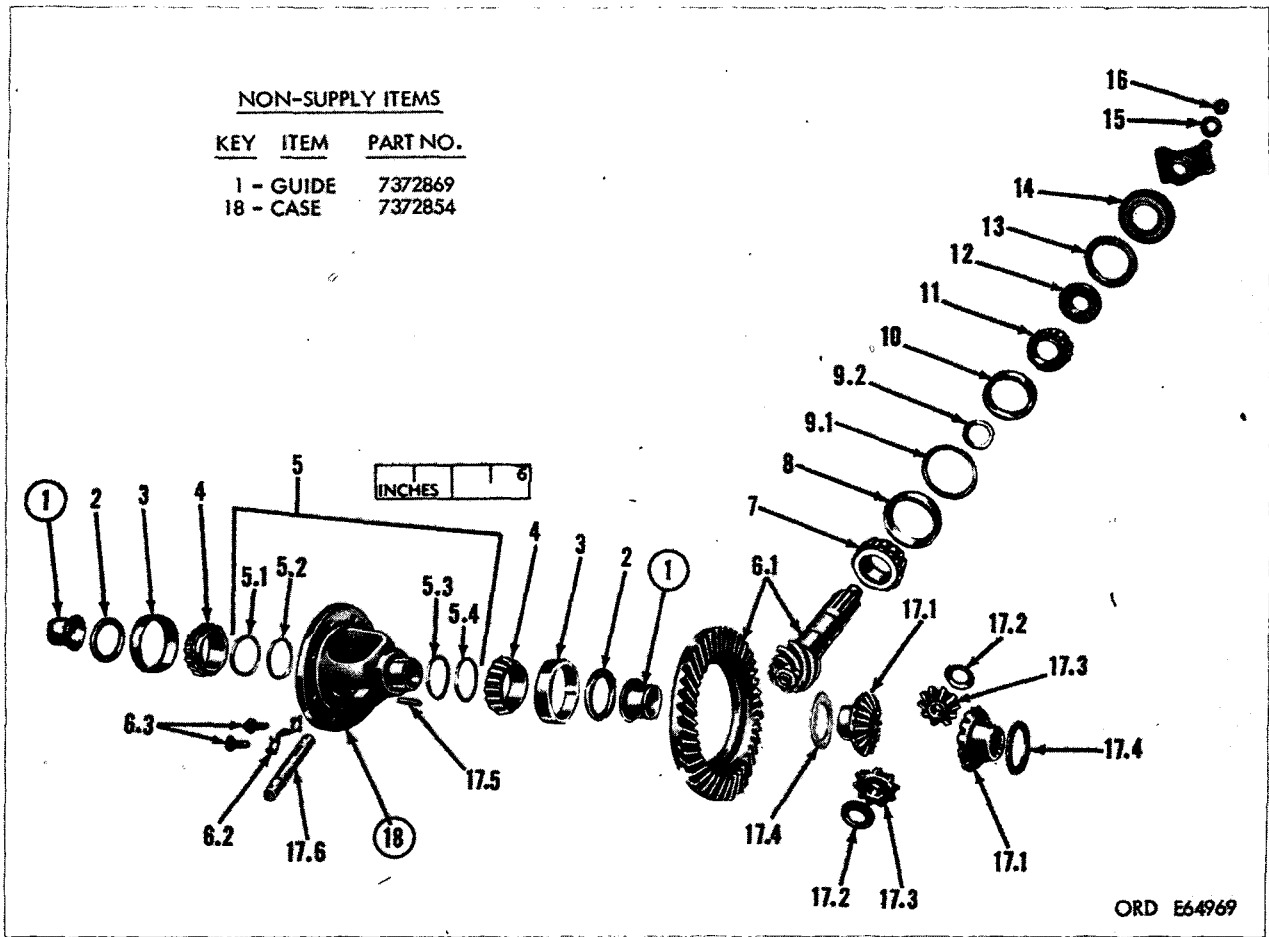


Figure 45. Front axle differential and related parts—exploded view.

(1) Illustration		(2) Source, maint and recoverability code				(3)	(4)	(5)	(6)	(7) 15-day maint alw per 100 equip		(8)
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability	Federal stock No.	Description	Unit of issue	Qty inc in unit	(a) Dir sup	(b) Gen sup	Depot maint guide per 100 equip
							<i>10—FRONT AXLE—Continued</i>					
							<i>1002—FRONT AXLE DIFFERENTIAL AND RELATED PARTS (fig. 45) —Continued</i>					
45	13	---	C	F	---	5330-737-2855	GASKET: bevel pinion oil seal (7372855)-----	ea	1			
45	14	---	P	F	---	5330-291-2797	SEAL: oil, type mls, 1 $\frac{1}{16}$ x 3.165 x 1 $\frac{1}{32}$ (bevel pinion) (500071).	ea	1			
45	15	---	P	F	---	5310-022-1442	WASHER, FLAT: corr-res-S, pass-fin., 1 $\frac{1}{16}$ id, 1 $\frac{1}{2}$ od, 0.134 thk (outer shaft) (221442).	ea	2			
45	16	---	P	H	---	5310-703-2635	NUT, SELF-LOCKING, HEXAGON: S, plain fin., huglock type, $\frac{3}{4}$ -16UNF-2B, 1 $\frac{1}{8}$ in.-w, $\frac{9}{16}$ in. thk (bevel pinion) (7032635).	ea	1			
45	17	---	C	H	---	2520-737-1441	KIT: repair, differential (7371441)-----	ea	1			
45	17.1	-----			-----		Composed of: 2 GEAR, PINION (8677288)					
45	17.2	-----			-----		2 WASHER, THRUST, SIDE GEAR (7373146)					
45	17.3	-----			-----		2 GEAR, SIDE (8677287)					
45	17.4	-----			-----		2 WASHER, THRUST, PINION (737-1102)					
45	17.5	-----			-----		1 PIN, LOCK, PINION SHAFT (737-2858)					
45	17.6	-----			-----		1 SHAFT, PINION (7372856)					
							<i>NONILLUSTRATED ITEM</i>					
			C	F	---	2520-495-9585	SPACER: bevel pinion bearing (7371101)-----	ea	1			

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
							<i>10—FRONT AXLE—Continued</i>					
							<i>1004—STEERING KNUCKLE AND UNIVERSAL JOINT (fig. 46)</i>					
46	2	----	C	F	----	2530-737-1108	CAP: w/king pin and lock pin, assy (7371108)	ea	4			
46	4	----	P	F	----	5305-576-6987	SCREW, CAP, HEXAGON: med-carb S, cd- or zn-pltd, 3/8-24UNF-2A x 1 1/2 (181643).	ea	16			
46	9	----	P	F	----	3110-100-3132	CONE, TAPERED ROLLER BEARING: mil-std-code 711-11590-3000 (includes rollers and cage) sr, steep angle, 0.6250 bore, 0.5625 w cap (705381).	ea	4			
46	10	----	P	F	----	3110-100-0509	CUP, TAPERED ROLLER BEARING: mil-std-code 711-11520-1000 sr, steep angle, 1.6875 od, 0.3750 w cap (706813).	ea	4			
46	11	----	C	F	----	3120-288-2911	WASHER: thrust, shaft to housing (7372870)	ea	2			
46	12	----	C	F	----	2530-040-2460	FLANGE: steering knuckle (right, w/arm assy) (8328398).	ea	1			
46	12	----	C	F	----	2530-040-2459	FLANGE: steering knuckle, left, w/arm, assy (8328397).	ea	1			
46	13	----	C	F	----	3120-737-5045	BEARING: bushing type, spindle (7375045)	ea	2			
46	15	----	C	F	----	2530-737-5048	SPINDLE: w/bearing, assy (7375048)	ea	2			
							<i>NONILLUSTRATED ITEMS</i>					
			C	F	----	5315-292-4752	PIN: universal joint center ball (7348762)	ea	2			
			P	F	----	5330-291-2791	SEAL: oil, type mw, 1 1/4 x 1.756 x 1/4 (shaft, outer) (500034).	ea	2			

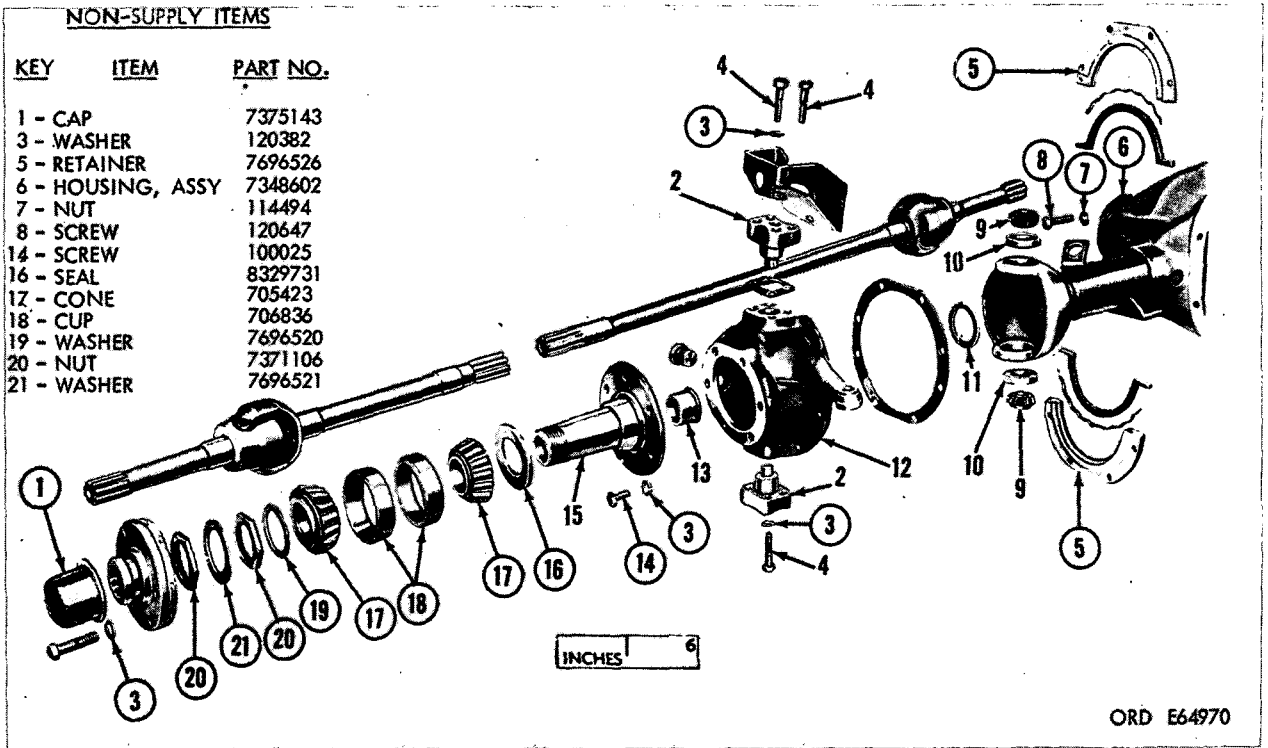


Figure 46. Steering knuckle and universal joint—exploded view.

(1) Illustration		(2) Source, maint and recoverability code				(3)	(4)	(5)	(6)	(7) 15-day maint alw per 100 equip		(8)
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability	Federal stock No.	Description	Unit of issue	Qty inc in unit	(a) Dir sup	(b) Gen sup	Depot maint guide per 100 equip
47	1	---	P	F	R	2520-096-6921	<p><i>11-REAR AXLE</i></p> <p><i>1100-REAR AXLE ASSEMBLY (fig. 47)</i></p> <p>AXLE: rear, w/brake, drum, and hub, assy (8329854).</p> <p><i>NONILLUSTRATED ITEMS</i></p>	ea	1			
			P	F	---	2530-040-2612	COVER: w/baffle, assy (8332058)-----	ea	1			
			C	F	---	2520-703-2629	GASKET: housing cover (7032629)-----	ea	1			

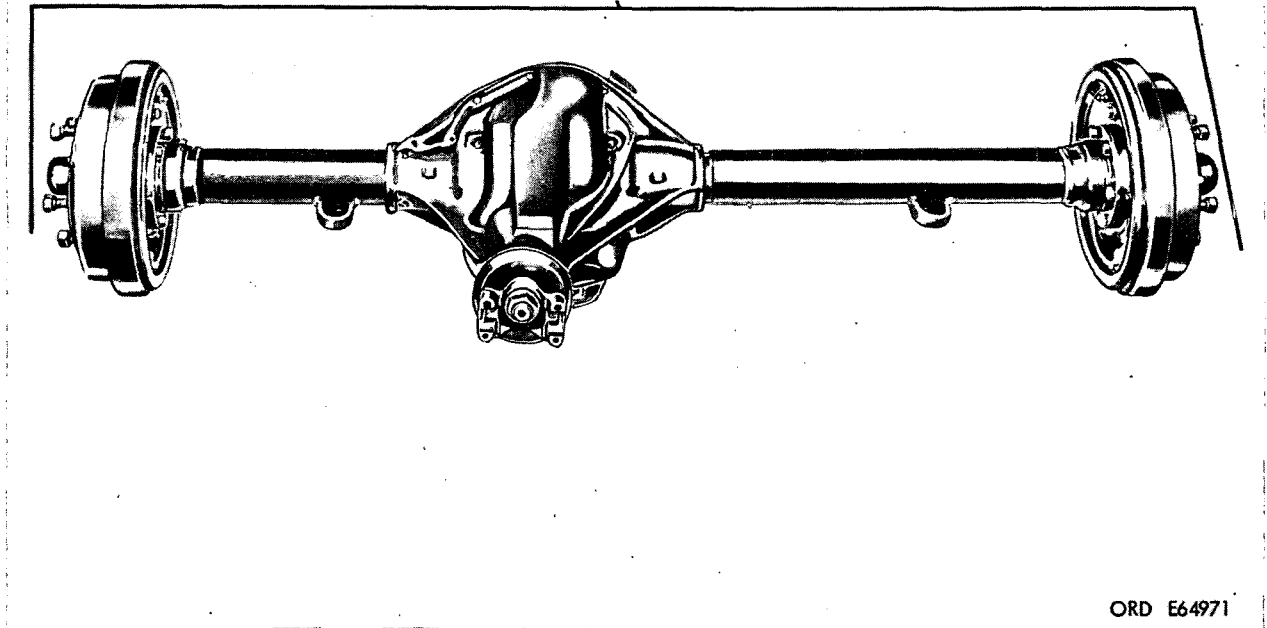


Figure 47. Rear axle assembly.

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
							<i>11-REAR AXLE—Continued</i>					
							<i>1102-REAR AXLE DIFFERENTIAL AND RELATED PARTS (fig. 48)</i>					
48	1	---	P	H	---	3110-100-0547	CUP, TAPERED ROLLER BEARING: mil-std-code 711-25523-1000 sr, 3.2650 od, 0.8730 w/case (706853).	ea	2			
48	2	---	P	H	---	3110-100-3539	CONE, TAPERED ROLLER BEARING: mil-std-code 711-25577-3000 includes rollers and cage, sr, 1.6880 bore, 1.0000 w/case (705440).	ea	2			
48	3	---	C	F	---	2520-737-1440	SHIM SET: case bearing (7371440)-----	ea	1			
	3.1	---			---		Composed of: 2 SHIM 0.003 (7372843)					
	3.2	---			---		2 SHIM 0.005 (7372844)					
	3.3	---			---		3 SHIM 00.010 (7372845)					
	3.4	---			---		3 SHIM 0.030 (7372846)					
48	4	---	C	H	---	2520-734-8607	PARTS KIT, DIFFERENTIAL: repair, bevel gear and drive pinion (7348607).	ea	1			
	4.1	---			---		Composed of: 1 GEAR AND PINION SET MATCHED (7032630)					
	4.2	---			---		5 PLATE, LOCK BEVEL GEAR SCREW (7032631)					
	4.3	---			---		10 SCREW, BEVEL GEAR (7372863)					
48	5	---	P	H	---	3110-227-3079	CONE, TAPERED, ROLLER BEARING: type ts, 1.375 bore, 1.125 w bevel pinion, inner (8329853).	ea	1			
48	6	---	P	H	---	3110-100-0571	CUP, TAPERED, ROLLER BEARING: mil-std-code 711-31520-1000 sr, 3.000 od, 0.9375 w/drive pinion, inner (706877).	ea	1			
48	7	---	C	F	---	2520-737-1439	SHIM SET: drive pinion bearing (7371439)---	ea	1			
	7.1	---			---		Composed of: 2 SHIM, INNER 0.003 (7372847)					
	7.1	---			---		2 SHIM, INNER 0.005 (7372848)					
	7.1	---			---		1 SHIM, INNER 0.010 (7372849)					
	7.2	---			---		2 SHIM, OUTER 0.003 (7372850)					
	7.2	---			---		2 SHIM, OUTER 0.005 (7372851)					
	7.2	---			---		2 SHIM, OUTER 0.010 (7372852)					
	7.2	---			---		1 SHIM, OUTER 0.030 (7372853)					
48	8	---	P	H	---	3110-100-0634	CUP, TAPERED ROLLER BEARING: mil-std-code 719-02820-1000 sr, 2.8750 od, 0.6875 w/drive pinion, outer (707063).	ea	1			
48	9	---	P	H	---	3110-100-3690	CONE, TAPERED ROLLER BEARING: mil-std-code 719-02872-3000 includes rollers and cage, sr, 1.1250 bore, 0.8750 w/drive pinion, outer (705271).	ea	1			



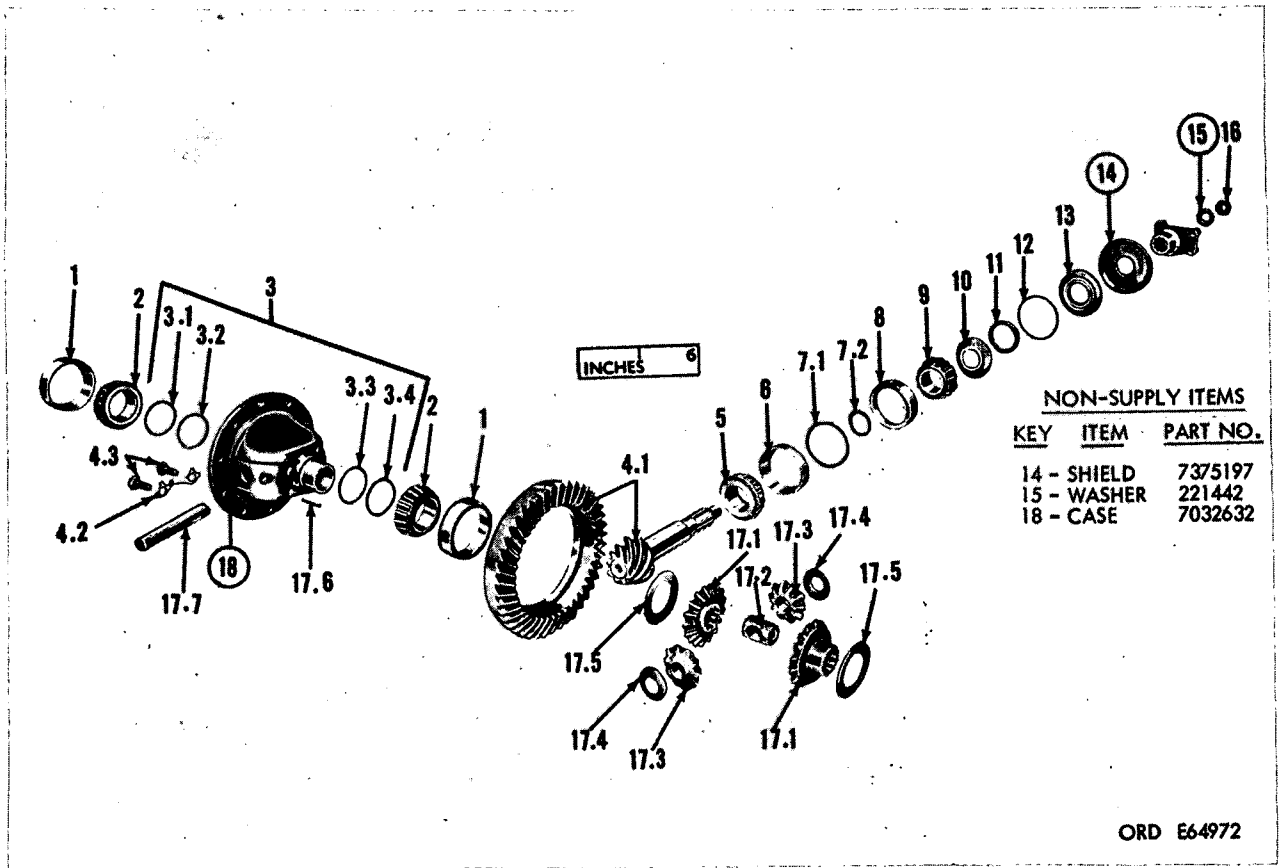


Figure 48. Rear axle differential and related parts—exploded view.

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint slw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
							<i>11-REAR AXLE—Continued</i>					
							<i>1102-REAR AXLE DIFFERENTIAL AND RELATED PARTS (fig. 48) —Continued</i>					
48	10	---	C	F	---	2520-703-2633	SLINGER: oil, drive pinion (7032633)-----	ea	1			
48	11	---	C	F	---	5330-703-2634	PACKING, PREFORMED: oil rear axle bevel pinion left (7032634).	ea	1			
48	12	---	C	F	---	5330-737-2855	GASKET: drive pinion oil seal (7372855)-----	ea	1			
48	13	---	P	F	---	5330-291-2797	SEAL: oil, type mls, 1 <sup>9</sup> / <sub>16</sub> x 3.165 x 1 <sup>19</sup> / <sub>32</sub> drive pinion (500071).	ea	1			
48	16	---	P	H	---	5310-703-2635	NUT, SELF-LOCKING, HEXAGON: S, plain fin., huglock type 3/4-16UNF-2B, 1 1/8 in. w, 5/16 in. thk bevel pinion (7032635).	ea	1			
48	17	---	C	F	---	2520-737-5199	PARTS KIT: repair (7375199)-----	ea	1			
48	17.1	---			---		Composed of: 2 PINION (8677295)					
48	17.2	---			---		1 BLOCK (7375196)					
48	17.3	---			---		2 GEAR (8677294)					
48	17.4	---			---		2 WASHER, THRUST, SIDE GEAR (65909-645789)					
48	17.5	---			---		2 WASHER, THRUST, PINION (65909-645790)					
48	17.6	---			---		1 PIN (7372858)					
48	17.7	---			---		1 SHAFT, PINION (65909-636553)					

(1) Illustration		(2) Source, maint and recoverability code				(3)	(4)	(5)	(6)	(7) 15-day maint alw per 100 equip		(8)
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability	Federal stock No.	Description	Unit of issue	Qty inc in unit	(a) Dir sup	(b) Gen sup	Depot maint guide per 100 equip
							<i>12—BRAKES</i>					
							<i>1201—HANDBRAKE AND RELATED PARTS (fig. 49)</i>					
49	6	---	C	F	---	2530-318-1037	LINING SET: w/rivets (8329633)----- Composed of: 1 LINING, OUTER (806035) 1 LINING, INNER (806034) 14 RIVET (119477)	ea	1			
	6.1	---			---	-----						
	6.2	---			---	-----						
	6.3	---			---	-----						
49	8	---	C	H	---	5306-274-0966	BOLT: (7324918)-----	ea	4			
49	9	---	C	H	---	2530-278-2236	DRUM: handbrake (8329632)-----	ea	1			
49	11	---	P	H	---	5310-637-9541	WASHER, LOCK: split, med, S, cd- or zn-pltd, 3/8 screw size (120382).	ea	4			
49	12	---	P	H	---	5310-543-5653	NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, 3/8-24UNF-2B, 3/8 in. w, 2 1/4 in. thk (120369).	ea	4			

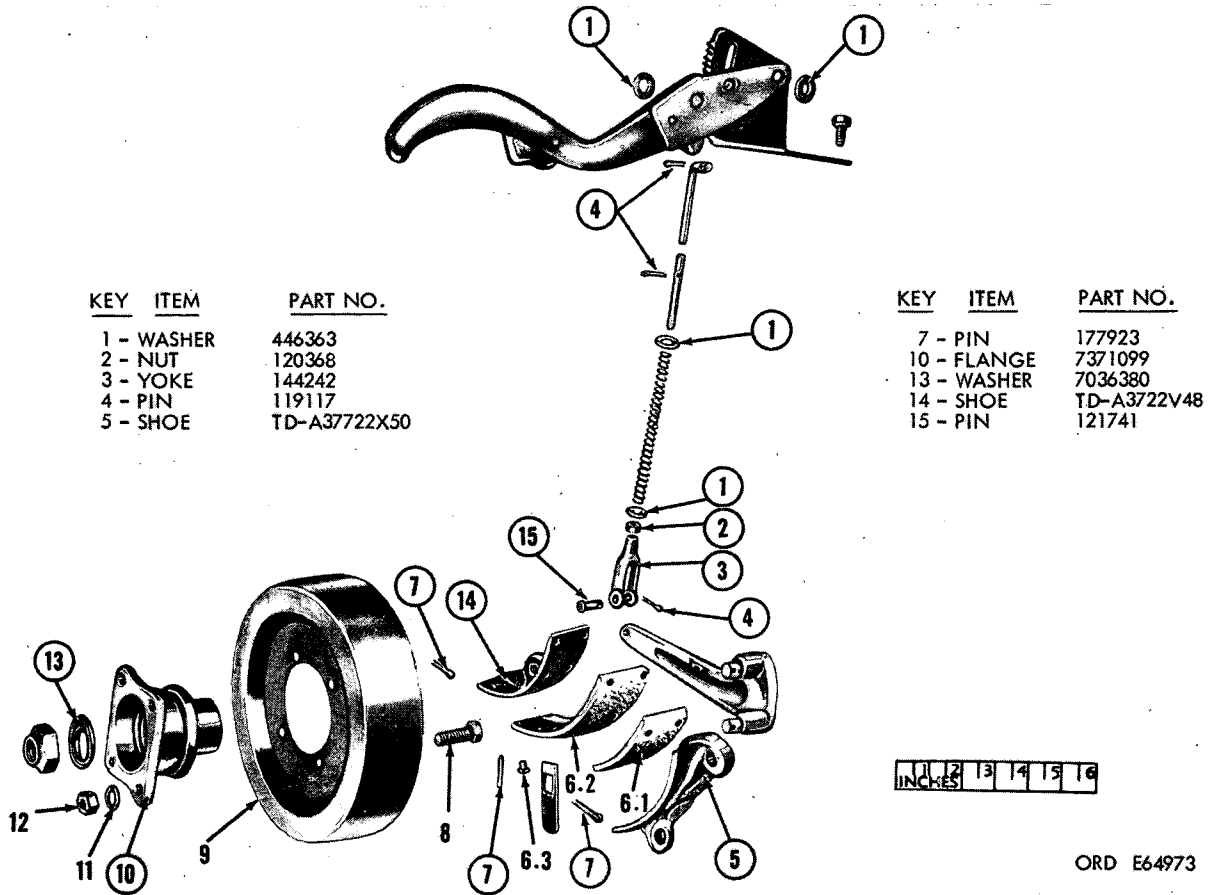


Figure 49. Handbrake and related parts—exploded view.

(1) Illustration		(2) Source, maint and recoverability code				(3)	(4)	(5)	(6)	(7) 15-day maint alw per 100 equip		(8)
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability	Federal stock No.	Description	Unit of issue	Qty inc in unit	(a) Dir sup	(b) Gen sup	Depot maint guide per 100 equip
							<i>12—BRAKES—Continued</i>					
							<i>1202—SERVICE BRAKE ASSEMBLY (fig. 50)</i>					
50	2	---	P	F	---	2530-274-4443	BRAKE LINING SET: shoe (540242) (for 2 wheels).	ea	2			
50	4	---	C	H	---	2530-040-2498	PLATE: backing, assy (8329609)-----	ea	2			
							<i>NONILLUSTRATED ITEM</i>					
			C	F	---	2530-495-9595	SLINGER: grease (rear brake) (7697464)-----	ea	2			

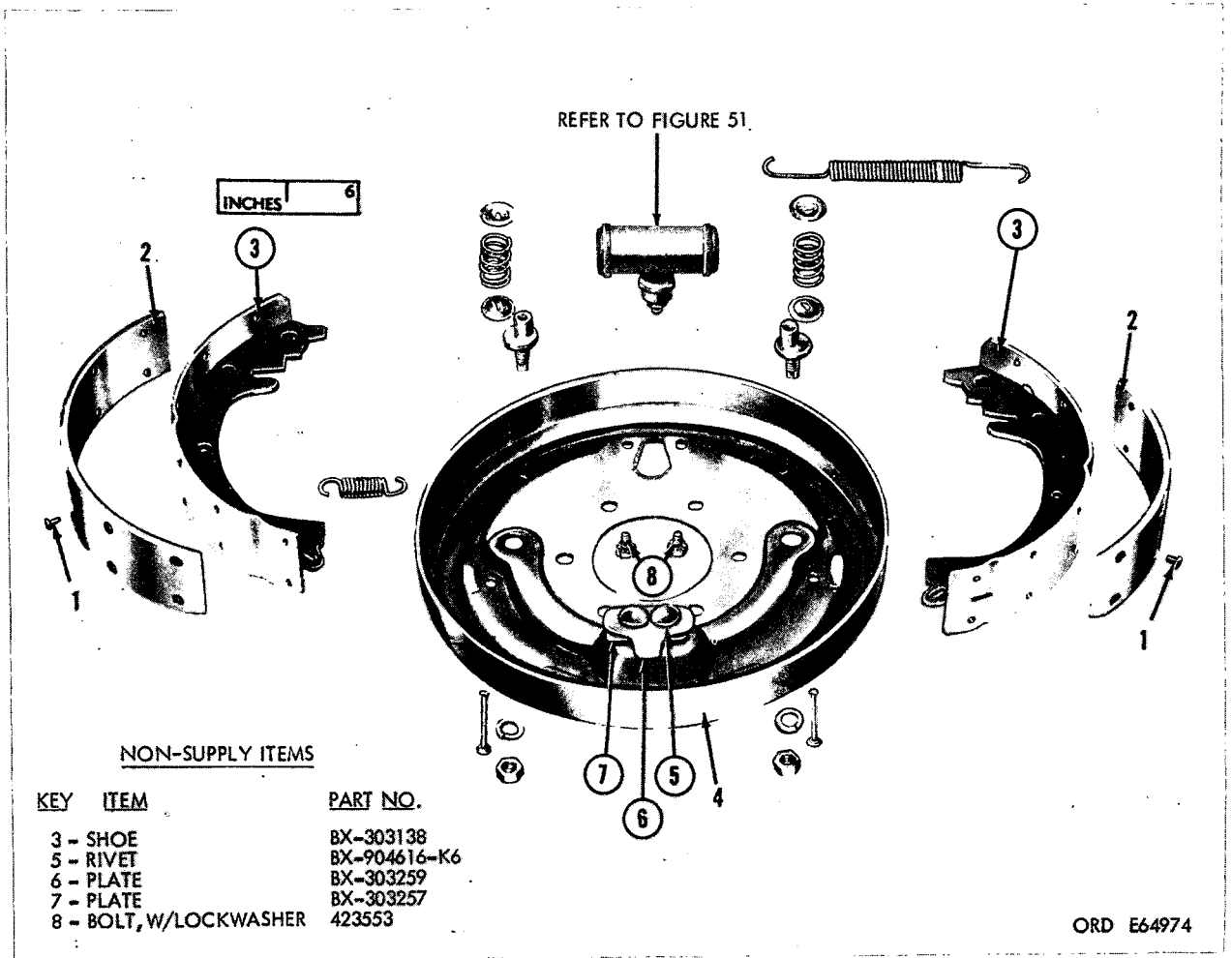
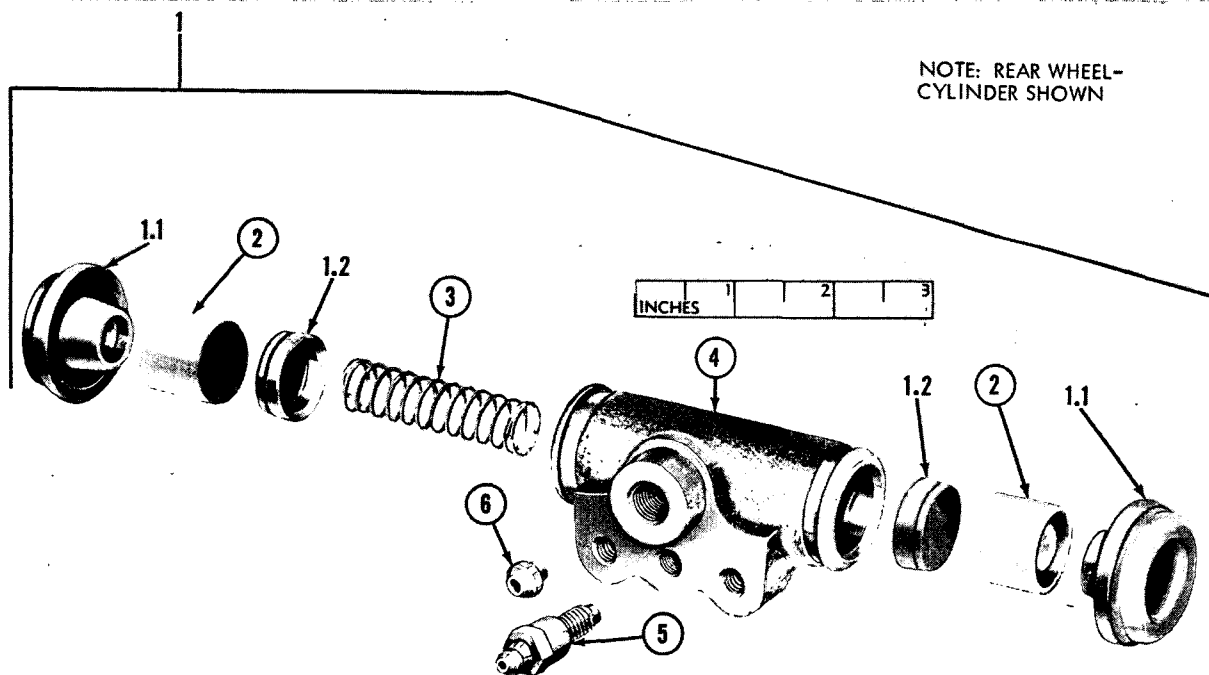


Figure 50. Service brake assembly—exploded view.

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability					(a) Dir sup	(b) Gen sup	
							<i>12—BRAKES—Continued</i>					
							<i>1204—WHEEL CYLINDERS (fig. 51)</i>					
51	1		P	F		2530-734-8674	KIT: repair, rear (7348674).....	ea	‡			
51	1.1						Composed of: 2 BOOT (7348610)					
51	1.2						2 CUP (7348852)					
			C	F		2530-736-9988	KIT: repair, front (7369988) (nonillustrated)....	ea	‡			
							Composed of: 2 BOOT (7348609) 2 CUP (7735312)					



KEY	ITEM	PART NO.
2	PISTON, ASSY	8328445
3	SPRING	7371112
4	CYLINDER	8677097
5	VALVE	7697462
6	SEAT	7372838

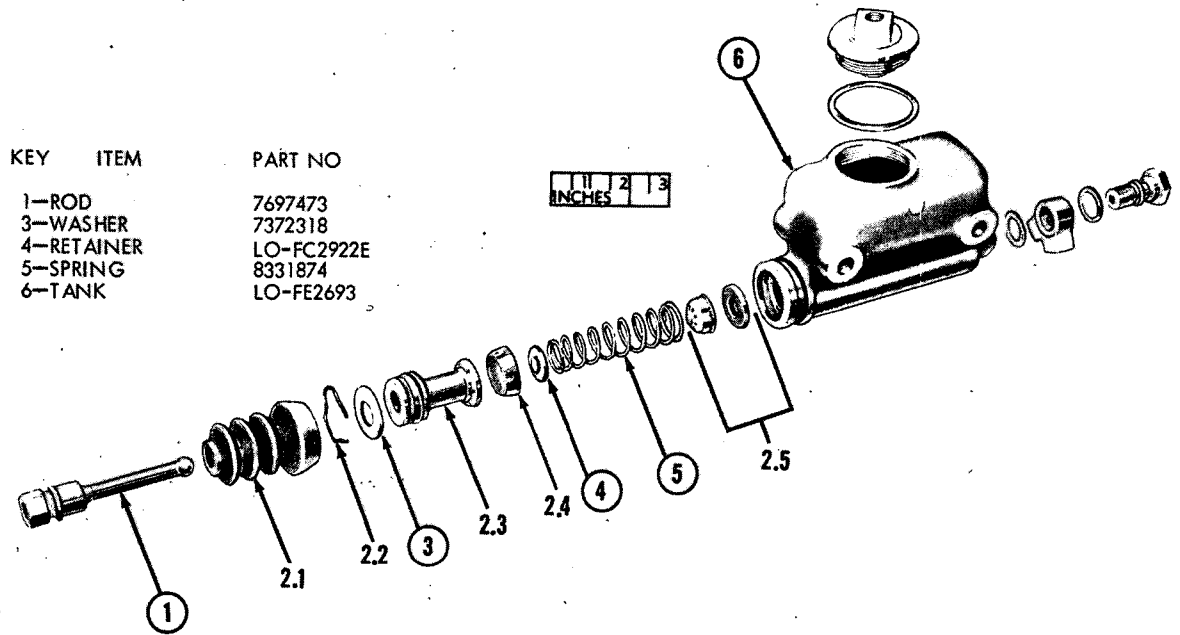
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Figure 51. Wheel cylinders—exploded view.





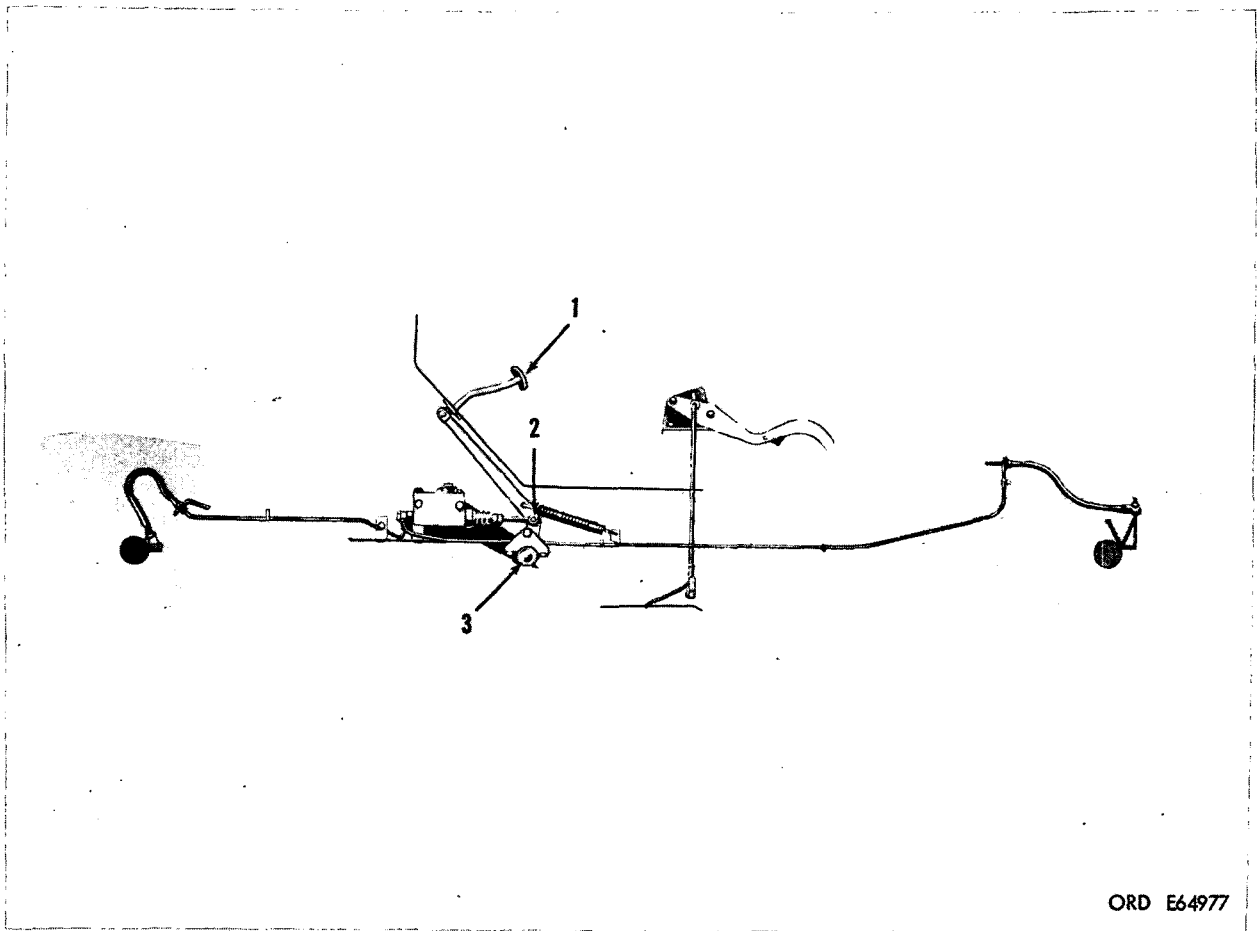
(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
52	2		C	F		2530-737-2669	12—BRAKES—Continued 1204—BRAKE MASTER CYLINDER (fig. 52) KIT: repair (7372669)----- Composed of: 1 BOOT (7375176) 1 WIRE, LOCK, PISTON STOP (736-2371) 1 PISTON, ASSY (8673967) 1 CUP, PRIMARY (7417607) 1 VALVE, W/SEAT, ASSY (65909-119287)	ea	1			
	2.1											
	2.2											
	2.3											
	2.4											
	2.5											



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Figure 52. Brake master cylinder—exploded view.

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
<i>12—BRAKES—Continued</i>												
<i>1206—MECHANICAL BRAKE SYSTEM (fig. 53)</i>												
53	1	---	C	F	---	2540-769-7453	PEDAL ASSY, BRAKE CONTROL: (769-7453).	ea	1			
53	2	---	C	F	---	5340-769-7465	CONNECTOR, ROD END: eye, pedal to master cylinder (7697465).	ea	1			
53	3	---	P	F	---	5310-050-2242	WASHER, FLAT: S, 1½ id, 1¼ od, 0.109 thk shaft (502242).	ea	1			



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Figure 53. Mechanical brake system.



(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
54	1	1	P	F	----	2530-318-1061	GEAR: steering, assy (8332549)-----	ea	1			
			P	F	----	5310-012-0370	NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, 1/16-20UNF-2B, 5/8 in. w, 3/8 in. thk (120370).	ea	3			
			P	F	----	5305-012-4155	SCREW, CAP, HEXAGON HEAD: low carb-S, cd- or zn-pltd, 1/16-20UNF-2A x 3 (124155).	ea	3			
			P	F	----	5310-017-8571	WASHER, LOCK: int-ext-teeth, S, cd- or zn-pltd, 1/16 in. bolt size x 1.070 in. od (178571).	ea	6			
						<i>1401—STEERING TIE-ROD AND RELATED PARTS (fig. 55)</i>						
55	1	1	P	F	----	5310-595-7071	COVER: grease retaining, tie-rod end (8393055)	ea	4			

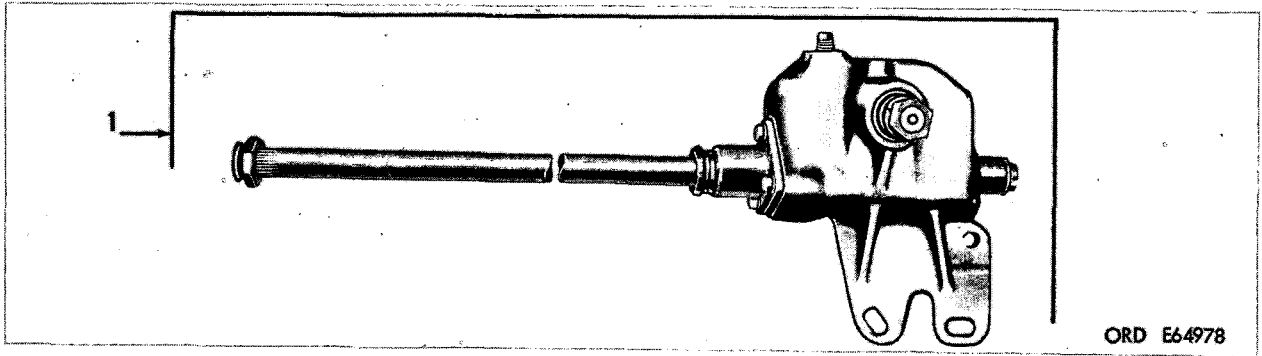
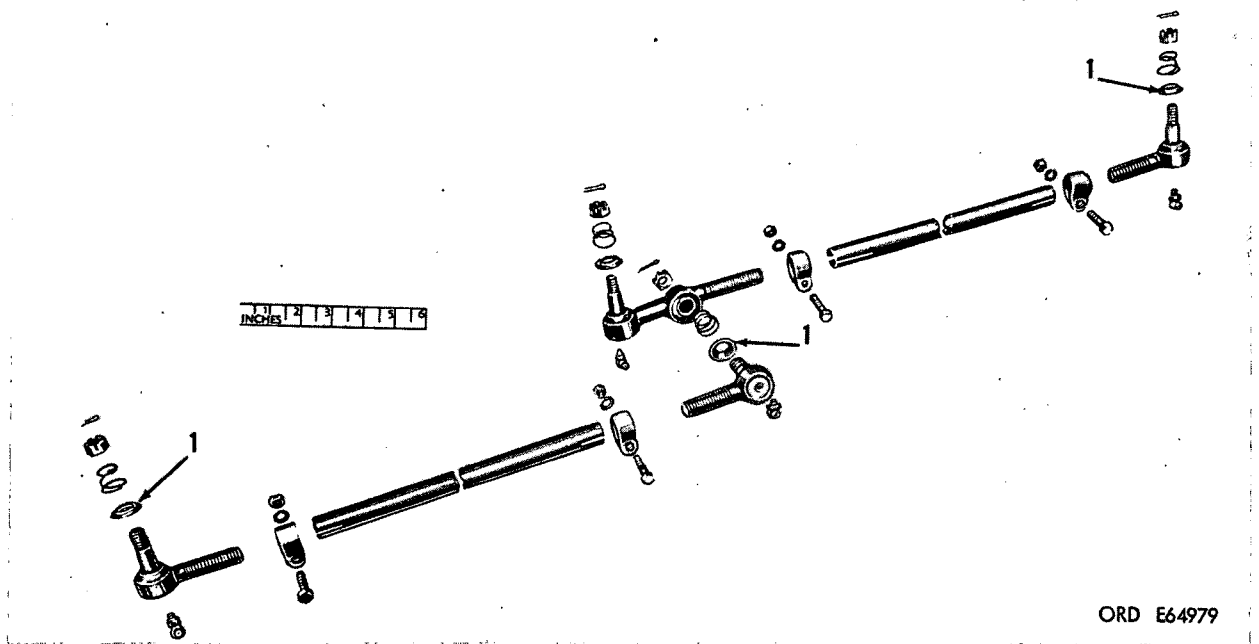
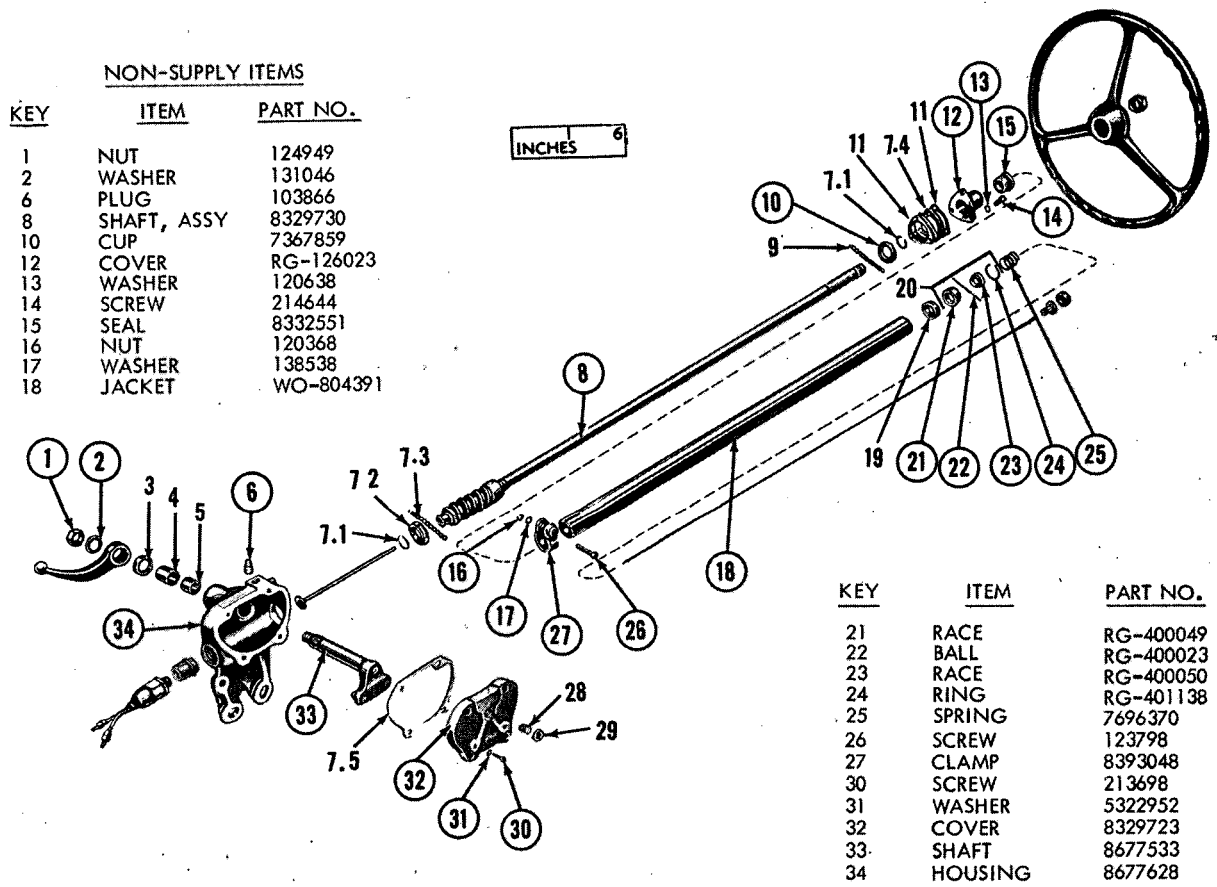


Figure 54. Steering assembly.



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Figure 55. Steering tie-rod and related parts—exploded view.



NON-SUPPLY ITEMS

KEY	ITEM	PART NO.
1	NUT	124949
2	WASHER	131046
6	PLUG	103866
8	SHAFT, ASSY	8329730
10	CUP	7367859
12	COVER	RG-126023
13	WASHER	120638
14	SCREW	214644
15	SEAL	8332551
16	NUT	120368
17	WASHER	138538
18	JACKET	WO-804391

KEY	ITEM	PART NO.
21	RACE	RG-400049
22	BALL	RG-400023
23	RACE	RG-400050
24	RING	RG-401138
25	SPRING	7696370
26	SCREW	123798
27	CLAMP	8393048
30	SCREW	213698
31	WASHER	5322952
32	COVER	8329723
33	SHAFT	8677533
34	HOUSING	8677628

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Figure 56. Steering controls—exploded view.

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Materiel code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
<b>14—STEERING—Continued</b>												
<b>1401—STEERING CONTROLS (fig. 56)</b>												
56	3	---	C	H	---	5330-737-5341	SEAL: oil, pitman shaft (7375341).....	ea	1			
56	4	---	C	H	---	3120-737-5348	BEARING: bushing type, pitman shaft, inner in housing (7375348).	ea	1			
56	5	---	C	H	---	2530-737-5349	BEARING: bushing type, pitman shaft, inner in housing (7375349).	ea	1			
56	7	---	P	H	---	2530-735-1410	KIT: repair, worm shaft bearing (7351410)....	ea	†			
56	7.1	---			---	5340-579-1598	Composed of: 2 RING, SNAP WORM BEARING (7696371)					
	7.2	---			---		2 CUP WORM BEARING BALL (832-9725)					
	7.3	---			---		22 BALL, WORM BEARING 5/16 in. 104919 (7367859)					
	7.4	---			---		2 SHIM, 0.002, UPPER COVER (☆) (7696350)					
	7.5	---			---		1 GASKET, HOUSING SIDE COVER (8329725) (used w/steering 2530-318-1045).					
56	7.4	---	C	H	---	2530-737-1431	SHIM SET: housing, upper cover (7371431)....	ea	†			
							Composed of: 2 SHIM 0.002 (7696350) 2 SHIM 0.003 (7696351) 2 SHIM 0.100 (7696352)					
56	9	---	P	H	---	3110-100-6180	BALL BEARING: mil-std-code 999-56020. 0200 light carb, or- alloy -S, 0.3125 dia 0.00005 sphericity—kit (104919).	ea	22			
56	11	---	C	H	---	5330-741-2577	GASKET: housing upper cover (7412577).....	ea	1			
56	19	---	P	H	---	2530-741-2580	SEAL: steering jacket, upper (7412580).....	ea	1			
56	20	---	C	H	---	2530-511-1732	BEARING: steering column, assy (8677346)....	ea	1			
56	28	---	C	H	---	5305-270-7336	SCREW: adjusting, pitman shaft side cover (8329728).	ea	1			
56	29	---	P	H	---	5310-275-0366	NUT: jam, pitman shaft adjusting screw-1/2-20NF-2 (5175255).	ea	1			
<b>NONILLUSTRATED ITEMS</b>												
			C	F	---	2530-741-6462	BUSHING: jacket, clamp to instrument panel (7416462).	ea	1			
			C	F	---	2530-741-2446	Cover: housing, upper, w/seal, assy (7412446).	ea	1			
			P	H	---	2530-693-0774	JACKET: assy used w/gear, 2530-318-1061 (8332550).	ea	1			
			C	F	---	2530-741-2576	JACKET: tube, w/bearing, assy (7412576)....	ea	1			
			P	H	---	2530-040-2549	SHAFT: w/nut, and integral worm (8329730)....	ea	1			
			C	H	---	2530-040-2548	SHAFT: pitman, w/integral cam, lockwasher, and nut (8329729).	ea	1			

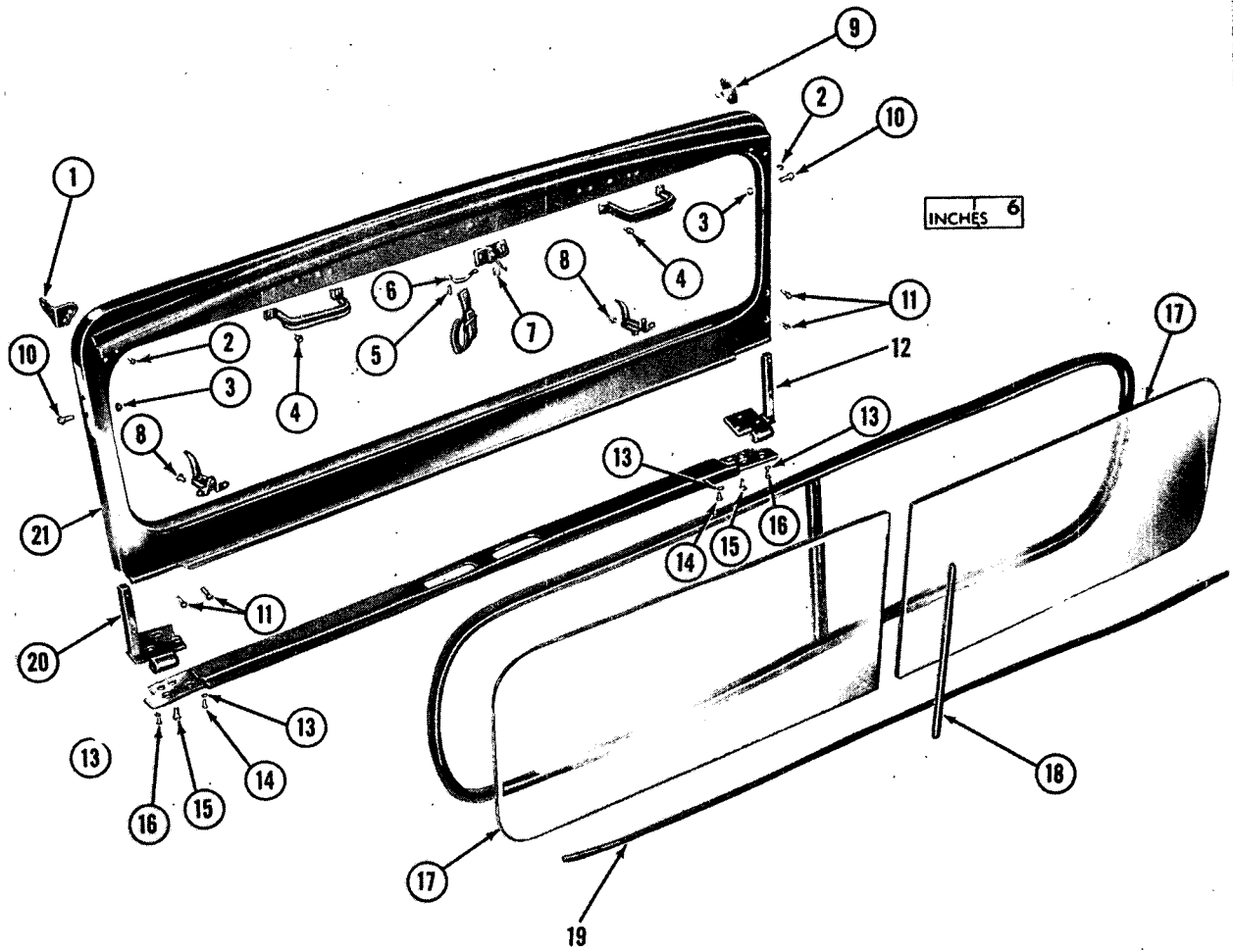


(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint slw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Materiel code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
							<i>14—STEERING—Continued</i>					
							<i>1401—STEERING CONTROLS (fig. 56) —Continued</i>					
							<i>NONILLUSTRATED ITEMS—Continued</i>					
			C	F	----	2530-040-2622	SHIM: housing 0.097 (8332515).....	ea	†			
			C	F	----	2530-040-2624	SHIM: housing 0.1196 (8332517).....	ea	†			
			C	F	----	2530-040-2623	SHIM: housing 0.0418 (8332516).....	ea	†			
			C	F	----	2530-737-1030	SHIM: housing to frame 0.0097 (7371030).....	ea	1			
			C	H	----	2530-737-5339	SPACER: mounting, steering gear to frame bolt (7375339).	ea	1			



NON - SUPPLY ITEMS

KEY	ITEM	PART NO	KEY	ITEM	PART NO
1	BRACKET	WO-680822	8	BOLT W/WASHER	9409107
2	SCREW W/WASHER	454783	9	BRACKET	8393203
3	NUT	120375	10	SCREW W/WASHER	425384
4	BOLT W/WASHER	425379	11	BOLT W/WASHER	425338
5	SCREW	162688	13	WASHER	120391
6	LOOP	7697591			
7	SCREW W/WASHER	425380			



NON-SUPPLY ITEMS

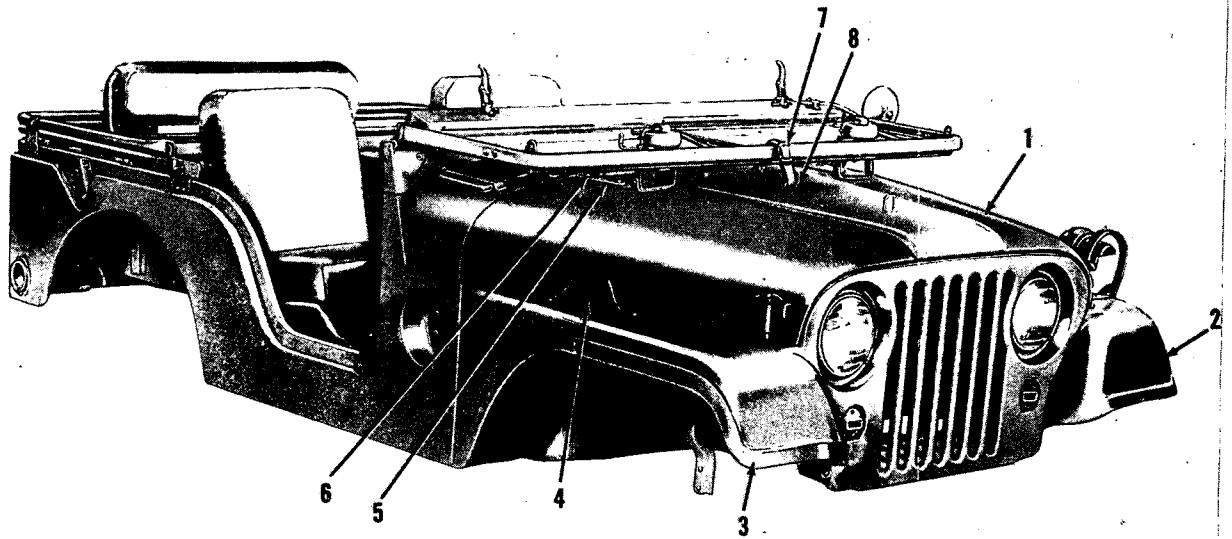
KEY	ITEM	PART NO
14	SCREW	161860
15	SCREW W/WASHER	443775
16	BOLT	159582
17	GLASS	59-G-673
18	FILLER	IND-33197R
20	HINGE	8392985
21	FRAME	8329652

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Figure 57. Windshield assembly—exploded view.

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item. No.	(a) Materiel code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
							<i>18—BODY, CAB AND HOOD</i>					
							<i>1801—WINDSHIELD ASSEMBLY (fig. 57)</i>					
57	12	----	C	F	----	5340-513-5876	HINGE: left windshield half (8677403)-----	ea	1			
57	19	----	P	F	----	9320-040-2519	FILLER: rubber, windshield glass weatherstrip (8329651).	ea	1			
							<i>NONILLUSTRATED ITEMS</i>					
		KZ	P	F	----	5310-834-3156	NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, No. 6 (0.138) 32NC-2B, 5/16 in. w, 1/16 in. thk (windshield center canvas cover fastener) (M38A1C) (96906-35649-62).	ea	3			
			P	F	----	H001-107-4220	SCREW, TAPPING, THREAD CUTTING: fl-hd, sltd-blunt-pt, S, cd- or zn-pltd, No. 10 0.190-24NC-2 x 5/8 windshield frame (171258).	ea	2			

(1) Illustration		(2) Source, maint and recoverability code				(3)	(4)	(5)	(6)	(7) 15-day maint alw per 100 equip		(8)	
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability	Federal stock No.	Description	Unit of issue	Qty inc in unit	(a) Dir sup	(b) Gen sup	Depot maint guide per 100 equip	
							<i>18—BODY, CAB AND HOOD—Continued</i>						
							<i>1801—FENDERS AND HOOD (fig. 58)</i>						
58	1	---	C	F	---	2510-040-2478	HOOD: assy (8328472)-----	ea	1				
58	2	---	P	F	---	2510-709-8586	FENDER, VEHICULAR: front, left w/weld nuts used on vehicles after serial No. 73456 M38A1 and M38A1C (7998520).	ea	1				
58	3	---	P	F	---	2510-709-8587	FENDER, VEHICULAR: front, right, w/weld nuts used on vehicle serial No. after serial No. 73456 M38A1 and M38A1C (7998521).	ea	1				
58	3	---	P	F	---	2510-040-2468	FENDER: front, right, w/weld nuts, assy (8328421).	ea	1				
58	3	---	P	F	---	2510-709-8587	FENDER, VEHICULAR: front, right, w/weld nuts (M170) (7998521).	ea	1				
58	4	---	P	F	---	2510-040-2477	COVER: breather tube opening (8328469)-----	ea	1				
58	5	---	C	F	---	5340-321-6433	HINGE: hood, left, w/pin, assy hood half (8328470).	ea	1				
58	5	---	C	F	---	5340-321-6434	HINGE: hood, assy hood half (8328471)-----	ea	1				
58	6	KZ	P	F	---	5306-042-5388	BOLT, ASSEMBLED WASHER: hex-hd, int-teeth lockwasher, header pt, S, cd- or zn-pltd, 5/16-18UNC-2A x 5/8 (hinge) (425388).	ea	1				
58	7	KZ	P	F	---	5310-297-6645	BUCKLE: tgls, 1-bar, br or bz, black, 1 in. (windshield hold-down strap).	ea	1				
58	8	---	C	F	---	2510-769-7487	CATCH: hood hold-down, fender mounted (7697487).	ea	2				
							<i>NONILLUSTRATED ITEMS</i>						
		KZ	P	F	---	5306-042-5379	BOLT, ASSEMBLED WASHER: hex-hd, int-teeth lockwasher, header-pt, S, cd- or zn-pltd, 1/4 20UNC-2A x 1/2 (bumper windshield to hood) (425379).	ea	4				
			P	F	---	2510-040-2465	BRACE: left front fender, assy (8328417)-----	ea	1				
			C	F	---	2510-040-2466	BRACE: right front fender, assy (8328418)-----	ea	1				
			C	F	---	2510-769-7483	BRACKET: hood clutch (7697483)-----	ea	2				
			C	F	---	2510-770-1327	CUSHION: body hold-down No. 4 left side only (7701327).	ea	1				
		KZ	P1	F	---	5310-584-5005	NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, 1/4 20UNC-2B, 1/16 w, 1/32 thk (96906-35690-405).	ea	4				
			C	F	---	5315-316-1028	PIN: hinge (65909-680939)-----	ea	2				
			P	F	---	2510-769-7548	RETAINER: square nut (right front fender to radiator guard (2) and left front fender to retainer guard (2) 5/16 in.) (7697548).	ea	4				
			P	F	---	5320-011-3194	RIVET, SPLIT: oval-hd, br, plain fin., 5/16 x 1/16 reinforcement (113194).	ea	12				



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Figure 58. Fenders and hood.

(1) Illustration		(2) Source, maint and recoverability code				(3)	(4)	(5)	(6)	(7) 15-day maint alw per 100 equip		(8)
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability	Federal stock No.	Description	Unit of issue	Qty inc in unit	(a) Dir sup	(b) Gen sup	Depot maint guide per 100 equip
							18—BODY, CAB AND HOOD—Continued					
							1801—FENDERS AND HOOD (fig. 58) —Continued					
							NONILLUSTRATED ITEMS—Continued					
			P	F	----	5305-337-2576	SCREW, CAP, HEXAGON HEAD: low-carb-S, cd- or zn-pltd, ¼ 20UNC-2A x 5/8 (96906-35291-5).	ea	4			
			C	F	----	5306-737-2886	SCREW: retaining, fender, w/lockwasher (7372886).	ea	8			
			C	F	----	2510-769-7514	SHIM: No. 3 body hold-down (7697514)-----	ea	1			
			P	F	----	5310-209-0709	WASHER, FLAT: S, cd- or zn-pltd, 5/16 id, 3/4 od, 0.065 thk (120386).	ea	4			
			P	F	----	5310-582-5965	WASHER, LOCK: split, med, S, cd- or zn-pltd, ¼ in. screw size (96906-35338-44).	ea	4			

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability					(a) Dir sup	(b) Gen sup	
59	1	---	P	F	---	2540-786-9238	SEAT, INDIVIDUAL: driver's vehicular M38A1, M38A1C and M38A1D (10885493).	ea	1			
59	5	---	C	F	---	2510-040-2488	FRAME: driver's seat, assy M38A1, M38A1C and M38A1D (8328487).	ea	1			
59	6	---	P	F	---	5306-283-0405	BOLT, ASSEMBLED WASHER: hex-hd, split lockwasher header-pt, S, cd- or zn-pltd, 5/16-18UNC-2A x 5/8 driver's seat peg (9409097).	ea	2			

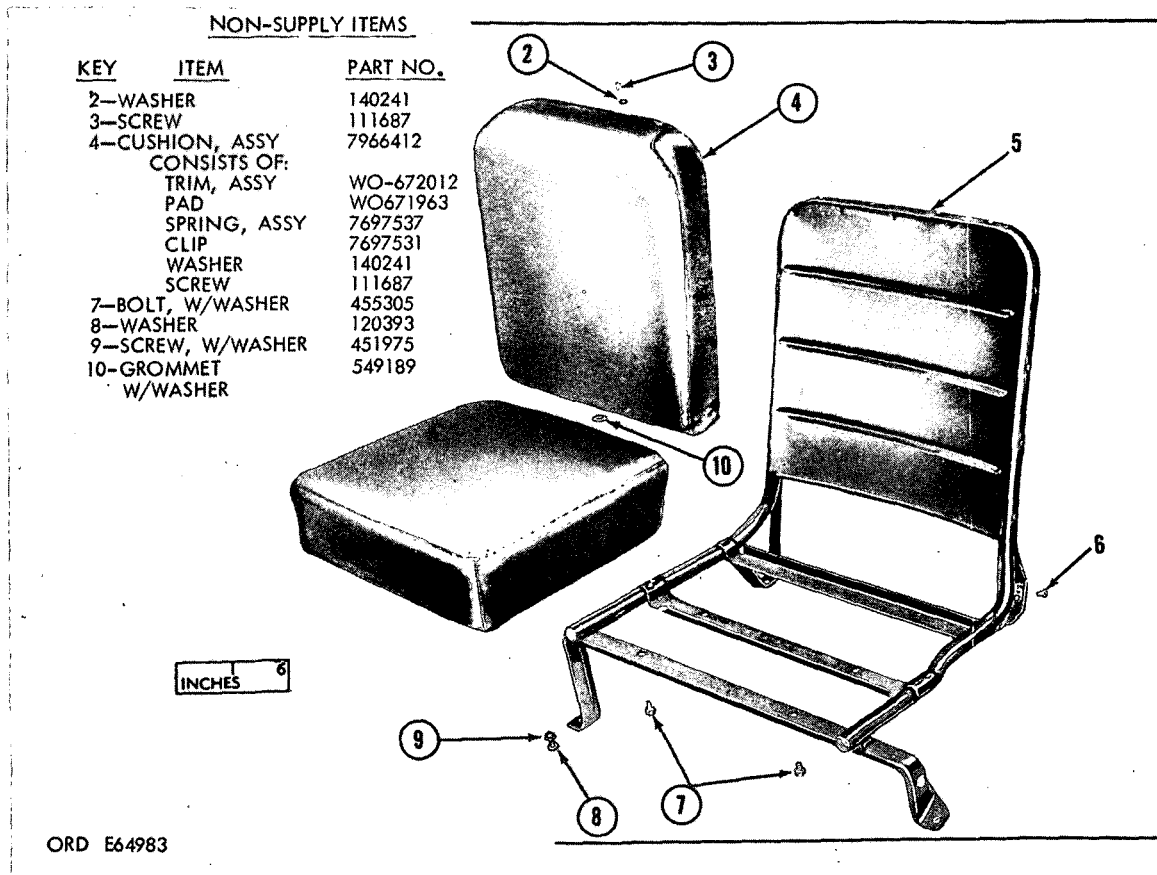
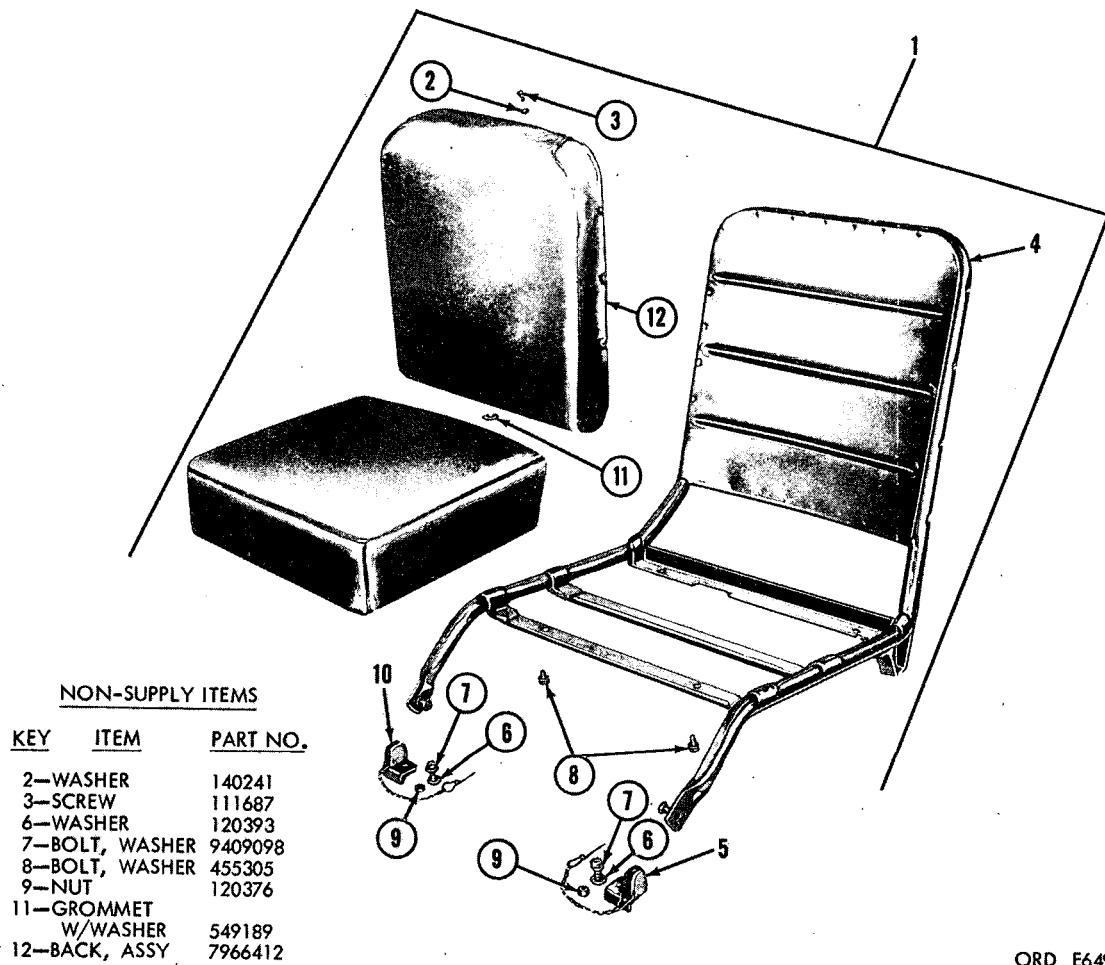


Figure 59. Seat (driver).



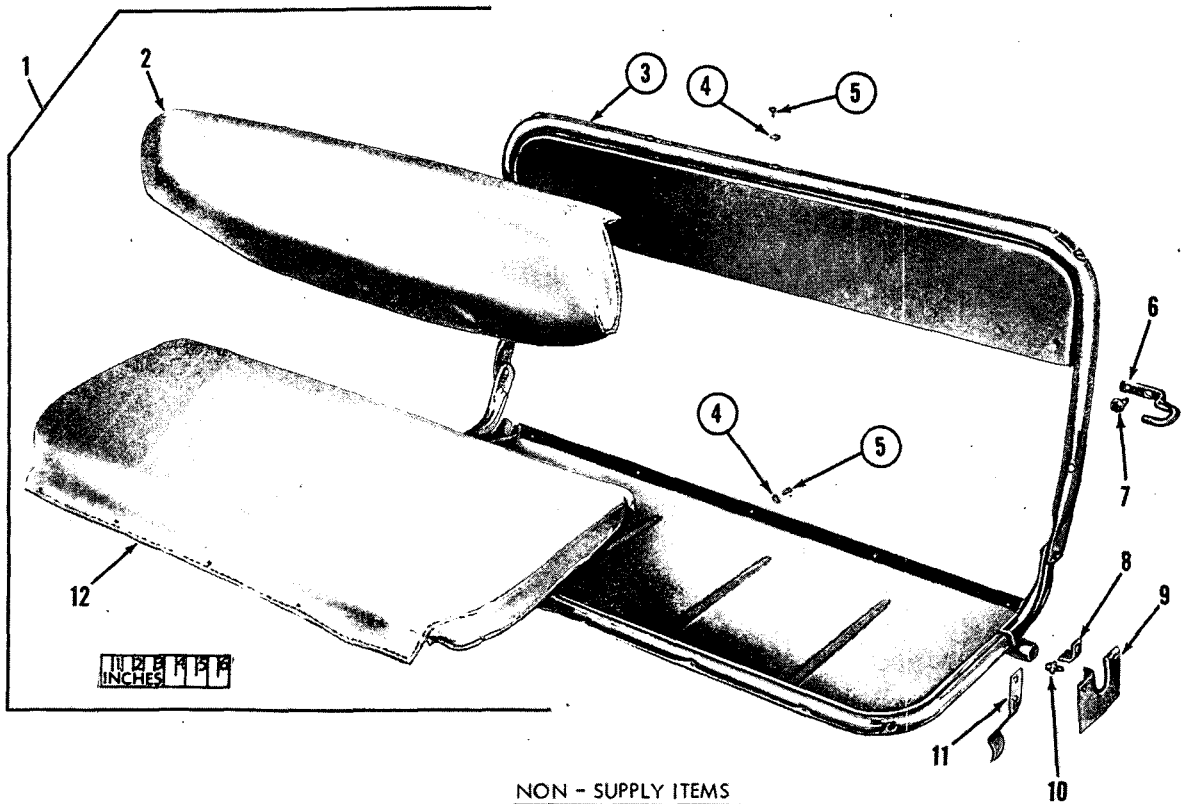
(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Materiel code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
							<i>18—BODY, CAB AND HOOD—Continued</i>					
							<i>1806—SEAT (PASSENGER'S) (fig. 60)</i>					
60	1	----	P	F	----	2540-786-9239	SEAT, INDIVIDUAL: passenger's front vehicular M38A1, M38A1C and M38A1D (10885495).	ea	1			
60	4	----	C	F	----	2510-769-7505	FRAME: passenger's seat, front, assy (769-7505).	ea	1			
60	5	----	C	F	----	2530-040-1868	PIVOT: front seat hinge, left w/chain, assy (7697508).	ea	1			
60	10	----	P	F	----	2520-737-2670	PIVOT: front seat hinge, right, w/chain, assy (7372670).	ea	1			
							<i>NONILLUSTRATED ITEMS</i>					
			P	F	----	2540-591-1113	COVER, TRIM, SEAT CUSHION: front, assy (7966430).	ea	2			
			P	F	----	2540-700-7462	CUSHION: gunners' seat M38A1C (58275-954401).	ea	1			
			P	F	----	2540-511-1745	COVER: front seat back, assy (7966428)-----	ea	2			



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Figure 60. Seat (passenger)—exploded view.

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
<i>18—BODY, CAB AND HOOD—Continued</i>												
<i>1806—SEATS (REAR) (fig. 61)</i>												
61	1	---	P	F	---	2540-786-9240	SEAT, ASSY, VEHICULAR, REAR: M38A1 (10885496).	ea	1			
61	2	---	P	F	---	2540-786-9241	COVER ASSY, TRIM, SEAT BACK: rear M38A1 (use with spring, 2540-786-9244 and pad 2540-785-6346) (10885497).	ea	1			
61	6	---	C	F	---	2510-040-2487	BRACKET: retaining, rear passenger seat M38A1 (8328486).	ea	2			
61	7	---	P	F	---	5306-042-5380	BOLT, ASSEMBLED WASHER: hex-hd, int-teeth lock-washer header-pt, S, cd- or zn-pltd, ¼-20UNC-2A x ½ M38A1 (425380).	ea	4			
61	8	---	C	F	---	2540-769-7510	RETAINER: rear seat pivot shaft M38A1 (7697510).	ea	2			
61	9	---	P	F	---	2510-769-7497	BRACKET: pivot rear seat M38A1 (7697497).	ea	2			
61	10	---	P	F	---	5306-042-5379	BOLT, ASSEMBLED WASHER: hex-hd, int-teeth lock-washer, header-pt, S, cd- or zn-pltd, ¼-20UNC-2A x ½ (rear seat pivot bracket to hinge panel (4), rear seat pivot tube retainer (2)) (425379).	ea	10			
61	11	---	C	F	---	5340-769-7509	RETAINER: rear seat frame spring M38A1 (7697509).	ea	2			
61	12	---	P	F	---	2540-786-9243	CUSHION, SEAT, VEHICULAR: rear M38A1 (10885498).	ea	1			
<i>NONILLUSTRATED ITEMS</i>												
			P	F	---	2540-769-7501	FRAME: rear seat bottom half M38A1 (769-7501).	ea	1			
			P	F	---	2540-769-7502	FRAME: rear seat, upper M38A1 (7697502).	ea	1			
			P	F	---	2540-785-6347	PAD, VEHICULAR SEAT: rear seat cushion M38A1 (use with cover, 2540-786-9741 and spring, 2540-786-9244) (7748601).	ea	1			
			P	F	---	2540-785-6346	PAD, VEHICULAR SEAT: rear seat back M38A1 (use with cover, 2540-786-9241 and spring, 2540-786-9244) (7748600).	ea	1			
			P	F	---	2540-786-9247	PAN: seat, individual, vehicular M38A1, M38A1C and M38A1D (use with cover, 2540-511-1745 and spring, 2540-786-9246) (108-85491).	ea	2			
			P	F	---	5305-011-1687	SCREW, TAPPING, THREAD FORMING: oval-hd, gimlet-pt, S, cd- or zn-pltd, No. 10 0.191 x ½ in. rear seat back trim M38A1 (111687).	ea	10			
			P	F	---	2540-632-4047	SPRING, ASSY, SEAT BACK: driver and front passenger (used with felt, 8305-630-5595) (7054258).	ea	2			



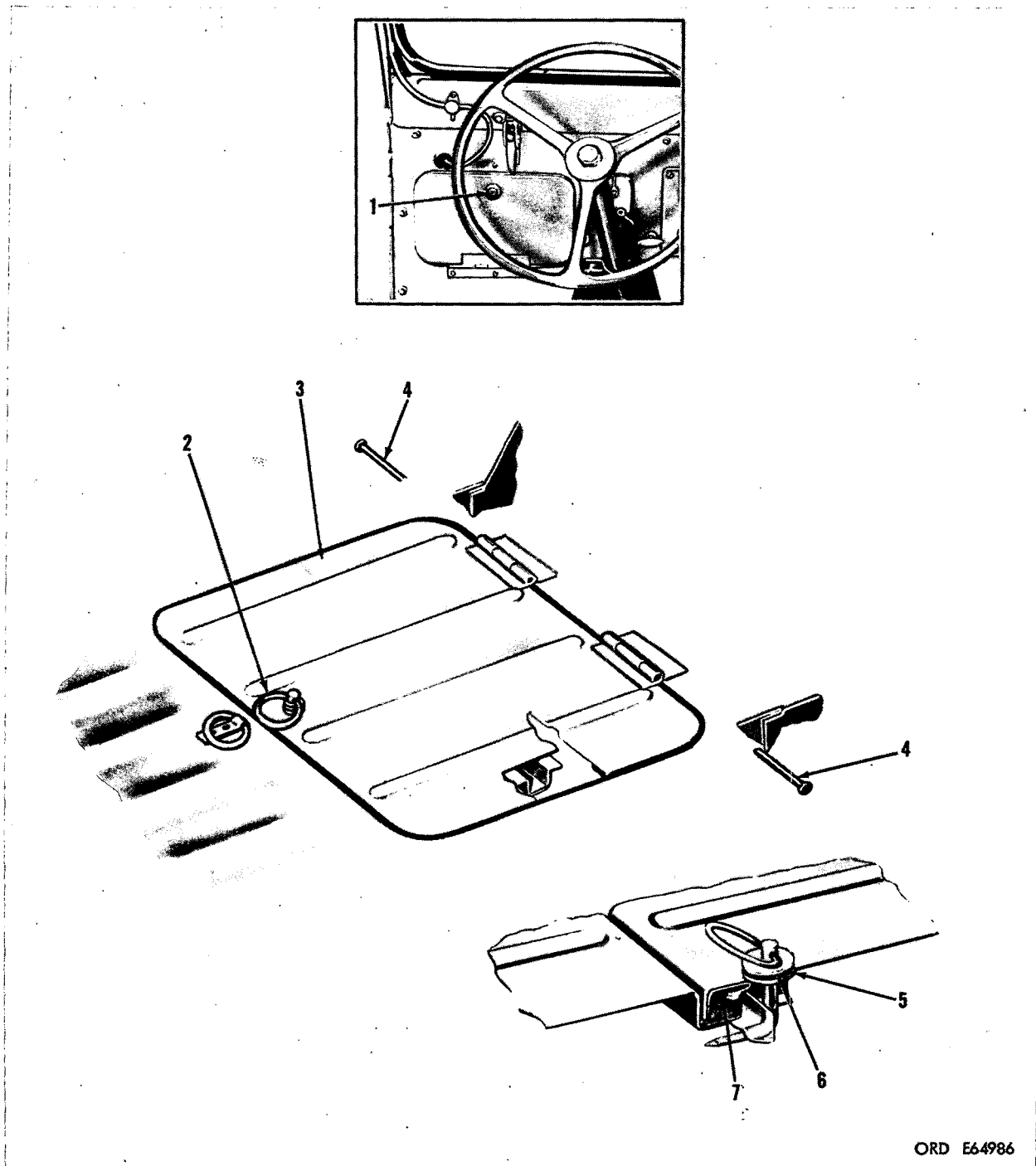
NON - SUPPLY ITEMS

<u>KEY</u>	<u>ITEM</u>	<u>PART NO.</u>	<u>GROUP</u>
3	—FRAME, ASSY	8673489	1806
4	—WASHER	140241	1806
5	—SCREW	111687	1806

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Figure 61. Seat (rear)—exploded view.

(1) Illustration		(2) Source, maint and recoverability code				(3)	(4)	(5)	(6)	(7) 15-day maint alw per 100 equip		(8)
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability	Federal stock No.	Description	Unit of issue	Qty inc in unit	(a) Dir sup	(b) Gen sup	Depot maint guide per 100 equip
							18—BODY, CAB AND HOOD—Continued 1806—SEATS (REAR) (fig. 61) —Continued NONILLUSTRATED ITEMS—Continued					
			P	F	----	2540-786-9244	SPRING ASSY: seat back rear M38A1 (use with cover, 2540-786-9241 and pad, 2540-785-6346) (10885492).	ea	1			
			P	F	----	2540-786-9246	SPRING ASSY: seat cushion, individual, drivers and passengers, M38A1, M38A1C and M38A1D (use with cover, 2540-511-1745 and pan, 2540-786-9247) (10885490).	ea	2			
			P	F	----	2540-786-9245	SPRING ASSY: seat cushion, vehicular rear M38A1 (use with cover, 2540-786-9242) (10885427).	ea	1			
			P	F	----	5310-014-0241	WASHER, FINISHING: S, cd- or zn-pltd, No. 10 0.190 rear seat back trim screw M38A1 (140241).	ea	10			
							1808—STOWAGE, RACKS, BOXES AND STRAPS (fig. 62)					
62	1	----	C	F	----	2540-737-5399	LOCK: glove box door, assy (7375399).....	ea	1			
			C	F	----	2510-737-5358	RETAINER: glove box door lock (7375358).	ea	1			
			P	F	----	5305-013-1885	SCREW, MACHINE: fil-hd, S, cd- or zn-pltd, No. 6 (0.133)-32NC-2A x 1/16 (retaining) (131885).	ea	1			
			C	F	----	5340-318-1041	STRIKER: glove compartment door (832-9656).	ea	1			
62	2	----	C	F	----	5340-274-5220	RING: tool compartment lid, w/retainer (737-5353).	ea	1			
62	3	----	X2	F	----	2510-737-5350	LID: tool compartment, assy (7375350).....	ea	1			
62	4	----	C	F	----	5315-737-5166	PIN: hinge, tool over-long 1st line (7375166)...	ea	2			
62	5	----	C	F	----	2510-737-5169	CATCH: tool box lid (7375169).....	ea	1			
62	6	----	C	F	----	5310-550-1458	WASHER, SPRING TENSION: tool compartment lid ring (cd-pltd, 2 1/64 x 5/8 od) (8329984).	ea	1			
62	7	----	P	F	----	9320-141-7634	WEATHERSTRIP: rubber, tool compartment lid (7375355).	ea	1			
							NONILLUSTRATED ITEMS					
			P	F	----	5306-042-5379	BOLT, ASSEMBLED WASHER: hex-hd, int-teeth lockwasher, cd- or zn-pltd, 1/4-20UNC-2A x 1/2 retainer (axle blade (2) and shovel blade (2)) (425379).	ea	4			



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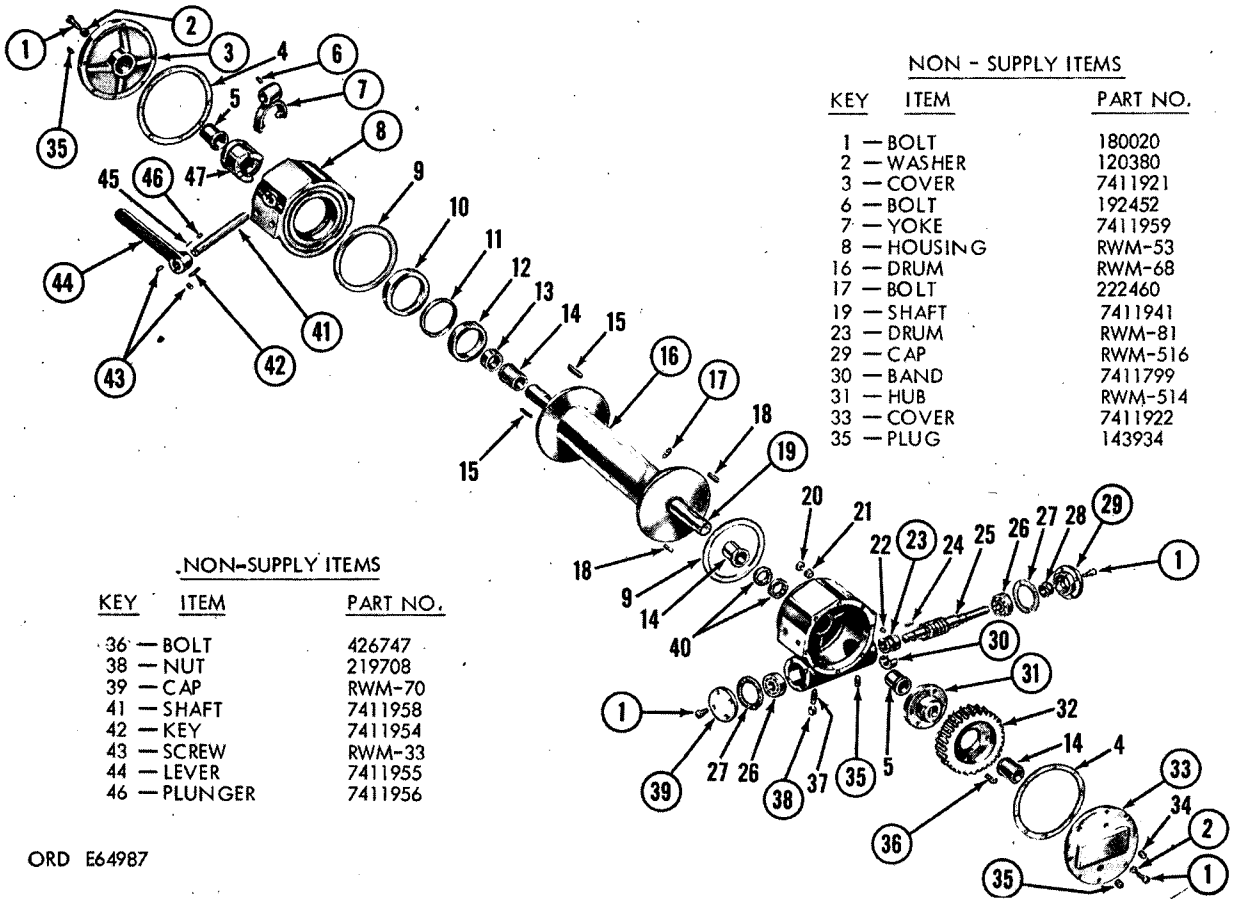
Figure 62. Stowage, racks, boxes, and straps.

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
							18—BODY, CAB AND HOOD—Continued					
							1808—STOWAGE, RACKS, BOXES AND STRAPS (fig. 62)—Continued					
							NONILLUSTRATED ITEMS—Continued					
			P	F	----	5306-042-5380	BOLT, ASSEMBLED WASHER: hex-hd, 1/4-20UNC-2A x 5/8 (top bow bracket, front (4) and rear (4)) (425380).	ea	8			
			X2	F	----	2510-737-5162	BRACKET: shovel M38A1C (7375162).....	ea	1			
			X2	F	----	2510-040-2589	BRACKET: top bow (stowage front w/nuts M38A1) (8329983).	ea	2			
			C	F	----	2510-040-2588	BRACKET: stowage top bow, rear M38A1 (8329982).	ea	2			
			P	F	----	5340-297-6645	BUCKLE: tgls, 1-bar, dull black, 1 in. strap (585861).	ea	1			
			P	H	----	2590-473-6331	BRACKET DRUM FOR FLAMMABLE LIQUID: (M38A1) (7375163).	ea	1			
			P	F	----	5310-050-3478	NUT, PLAIN, WELDING: sq, S, 3/8-16UNC-2B, 9/16 in. w 1/4 in. thk (top bow stowage bracket, front) (503478).	ea	2			
			C	F	----	2510-737-5170	PLATE: catch, tool compartment lid (7375170).	ea	1			
			C	F	----	2510-737-5354	SPACER: spare gasoline bracket M38A1 (7375354).	ea	1			
			P	F	----	5340-505-6399	STRAP: web, 1 x 17 1/2 in. (developed lg 21 3/4 in. lg) (shovel stowage) (8329991).	ea	1			
			P	F	----	5340-506-1510	STRAP, WEBBING: 1 x 20 in. (top bow (2) and windshield (1) (592636).	ea	1			
			P	F	----	5340-706-4507	STRAP, WEBBING: web strap buckle, 1 1/2 in., w, 14 1/2 lg spare gas can (7064507).	ea	1			
			P	F	----	5340-734-7501	STRAP: web, web strap buckle, end clip, 1 in. w, 49 in. lg (stowage, top wheel house) M38A1 (7347501).	ea	4			





(1) Illustration		(2) Source, maint and recoverability code				(3)	(4)	(5)	(6)	(7) 15-day maint alw per 100 equip		(8)	
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability	Federal stock No.	Description	Unit of issue	Qty inc in unit	(a) Dir sup	(b) Gen sup	Depot maint guide per 100 equip	
							<i>20—WINCH AND POWER TAKEOFF</i>						
							<i>2001—WINCH ASSEMBLY (fig. 63)</i>						
63	4	P	H			2590-741-1924	GASKET: worm gear housing cover M38A1 and M38A1C (7411924).	ea	2				
63	5	P	H			3120-741-1803	BEARING SLEEVE: bushing type, worm gear housing M38A1 and M38A1C (7411803).	ea	2				
63	9	P	H			2590-741-1935	GASKET: grease, drum M38A1 and M38A1C (7411935).	ea	2				
63	10	P	H			3120-741-1801	BEARING: clutch housing M38A1 and M38A1C (7411801).	ea	1				
63	11	P	H			5330-741-1934	PACKING, MATERIAL: grease, clutch housing bearing M38A1 and M38A1C (7411934).	ea	1				
63	12	P	H			3110-741-1933	RACE: intermediate bearing M38A1 and M38A1C (7411933).	ea	1				
63	13	P	H			2590-741-1942	SPACER: clutch and M38A1C (7411942).	ea	1				
63	14	P	H			3120-741-1802	BEARING: bushing type, drum shaft and worm gear housing cover M38A1 and M38A1C (7411802).	ea	3				
63	15	P	H			5315-741-1920	KEY: clutch M38A1 and M38A1C (7411920).	ea	1				
63	18	P	H			5315-741-1927	KEY: worm gear M38A1 and M38A1C (7411927).	ea	2				
63	20	P	H			3830-741-1930	LINING: drum brake M38A1 and M38A1C (7411930).	ea	1				
63	21	P	H			2590-741-1943	SPRING: drum brake M38A1 and M38A1C (7411943).	ea	1				
63	22	P	H			5305-741-1937	SCREW: set, worm brake 1/4-20 x 1/4 M38A1 and M38A1C (7411937).	ea	2				
63	24	P	H			5315-741-1926	KEY: worm brake drum M38A1 and M38A1C (7411926).	ea	1				
63	25	P	H			2590-741-1945	WORM: gear M38A1 and M38A1C (7411945).	ea	1				
63	26	P	H			3110-741-1800	BEARING: ball, worm shaft M38A1 and M38A1C (7411800).	ea	1				
63	27	P	H			2590-741-1923	GASKET: bearing cap M38A1 and M38A1C (7411923).	ea	2				
63	28	P	H			2330-741-1940	SEAL: grease, output shaft M38A1 and M38A1C (7411940).	ea	1				
63	32	P	H			2590-741-1925	GEAR: worm M38A1 and M38A1C (7411925).	ea	1				
63	34	P	H			2540-741-1932	PLUG: breather, assy M38A1 and M38A1C (7411932).	ea	1				
63	37	P	H			5305-741-1936	SCREW: adjusting, worm brake M38A1 and M38A1C (7411936).	ea	1				
63	40	P	H			5330-741-1939	SEAL: grease, gun shaft M38A1 and M38A1C (7411939).	ea	2				
63	45	P	H			2520-741-1957	SPRING: poppet M38A1 and M38A1C (7411957).	ea	2				
63	47	P	H			2590-741-1805	CLUTCH: winch (M38A1 and M38A1C) (93041-60).	ea	1				



NON - SUPPLY ITEMS

KEY	ITEM	PART NO.
1	BOLT	180020
2	WASHER	120380
3	COVER	7411921
6	BOLT	192452
7	YOKE	7411959
8	HOUSING	RWM-53
16	DRUM	RWM-68
17	BOLT	222460
19	SHAFT	7411941
23	DRUM	RWM-81
29	CAP	RWM-516
30	BAND	7411799
31	HUB	RWM-514
33	COVER	7411922
35	PLUG	143934

NON-SUPPLY ITEMS

KEY	ITEM	PART NO.
36	BOLT	426747
38	NUT	219708
39	CAP	RWM-70
41	SHAFT	7411958
42	KEY	7411954
43	SCREW	RWM-33
44	LEVER	7411955
46	PLUNGER	7411956

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Figure 63. Winch assembly—exploded view.

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Materiel code	(b) Source	(c) Maintenance level	(d) Recoverability					(a) Dir sup	(b) Gen sup	
<i>20—WINCH AND POWER TAKEOFF</i> —Continued												
<i>2001—WINCH FRAME (fig. 64)</i>												
64	2	P	H			5306-741-1931	PIN: guide, vertical roller M38A1 and M38A1C (7411931).	ea	2			
64	8	P	H			2590-741-1938	ROLLER, VERTICAL: M38A1 and M38A1C (7411938).	ea	2			

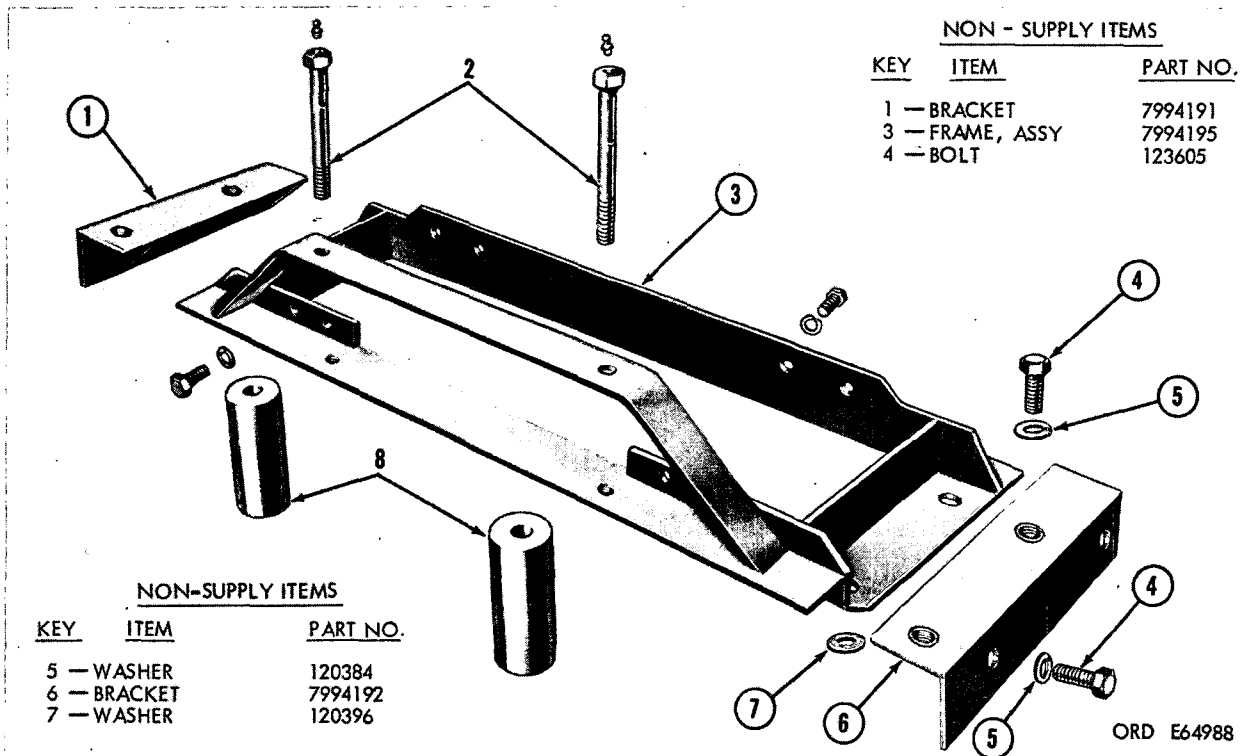
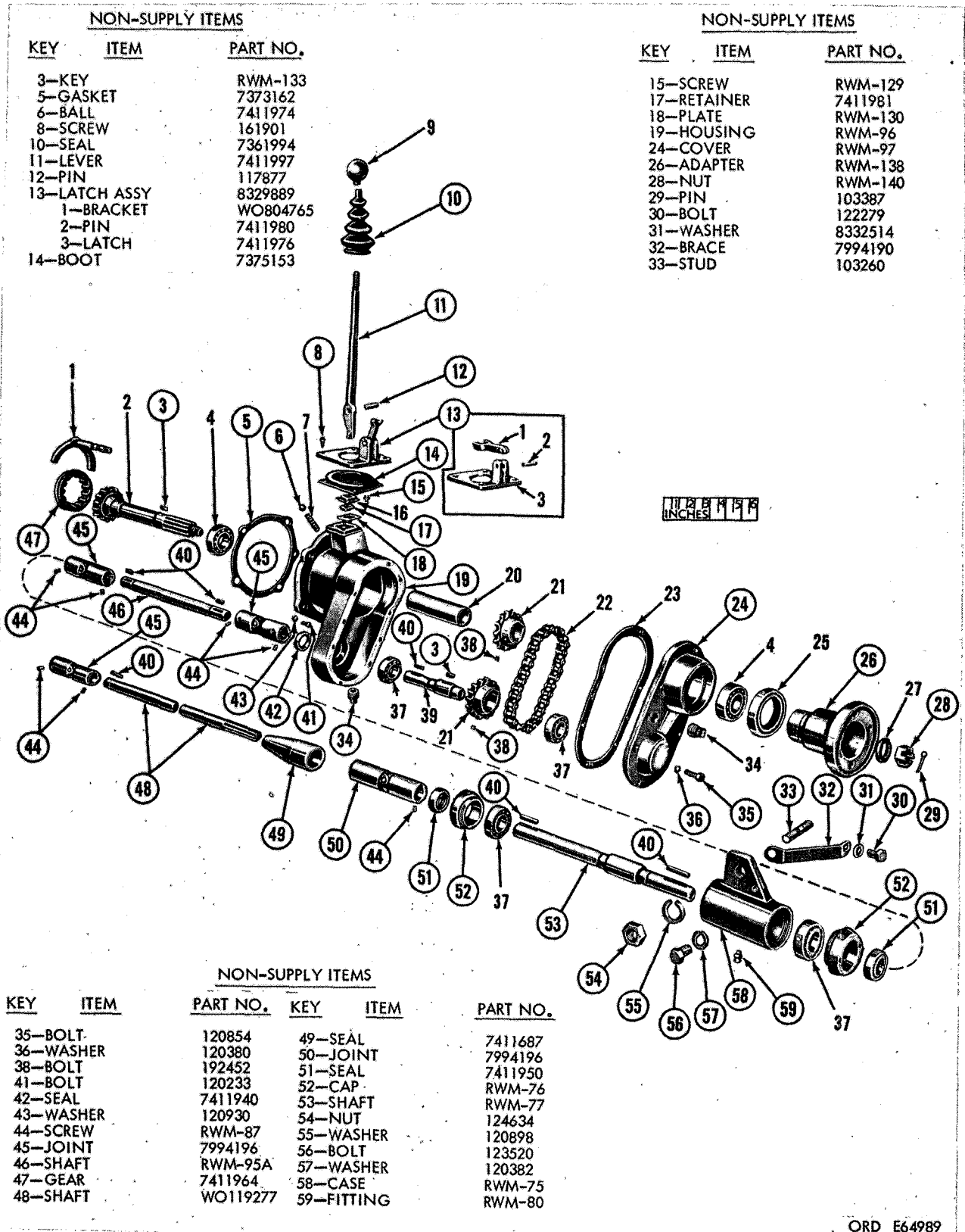


Figure 64. Winch frame—exploded view.





NON-SUPPLY ITEMS

KEY	ITEM	PART NO.
3	KEY	RWM-133
5	GASKET	7373162
6	BALL	7411974
8	SCREW	161901
10	SEAL	7361994
11	LEVER	7411997
12	PIN	117877
13	LATCH ASSY	8329889
1	BRACKET	WO804765
2	PIN	7411980
3	LATCH	7411976
14	BOOT	7375153

NON-SUPPLY ITEMS

KEY	ITEM	PART NO.
15	SCREW	RWM-129
17	RETAINER	7411981
18	PLATE	RWM-130
19	HOUSING	RWM-96
24	COVER	RWM-97
26	ADAPTER	RWM-138
28	NUT	RWM-140
29	PIN	103387
30	BOLT	122279
31	WASHER	8332514
32	BRACE	7994190
33	STUD	103260

NON-SUPPLY ITEMS

KEY	ITEM	PART NO.	KEY	ITEM	PART NO.
35	BOLT	120854	49	SEAL	7411687
36	WASHER	120380	50	JOINT	7994196
38	BOLT	192452	51	SEAL	7411950
41	BOLT	120233	52	CAP	RWM-76
42	SEAL	7411940	53	SHAFT	RWM-77
43	WASHER	120930	54	NUT	124634
44	SCREW	RWM-87	55	WASHER	120898
45	JOINT	7994196	56	BOLT	123520
46	SHAFT	RWM-95A	57	WASHER	120382
47	GEAR	7411964	58	CASE	RWM-75
48	SHAFT	WO119277	59	FITTING	RWM-80

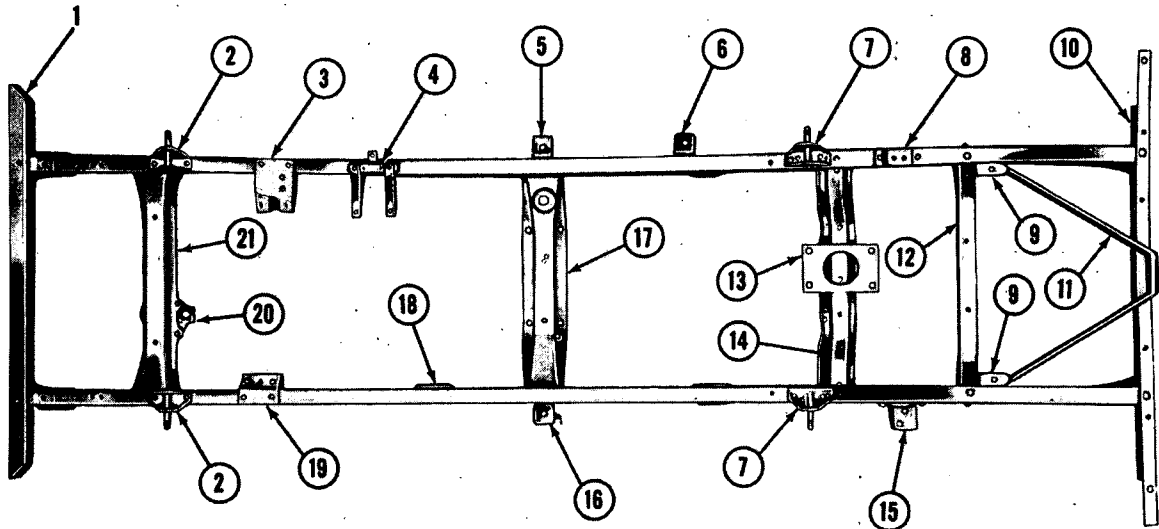
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Figure 65. Power takeoff assembly—exploded view.

(1) Illustration		(2) Source, maint and recoverability code				(3)	(4)	(5)	(6)	(7) 15-day maint alw per 100 equip		(8)	
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability	Federal stock No.	Description	Unit of issue	Qty inc in unit	(a) Dir sup	(b) Gen sup	Depot maint guide per 100 equip	
							<i>20—WINCH AND POWER TAKEOFF</i>						
							<i>2004—POWER TAKEOFF (fig. 65)</i>						
65	1	----	P	H	----	2520-741-1973	YOKE: sliding gear M38A1 and M38A1C (7411973).	ea	1				
65	2	----	P	H	----	2520-741-1963	GEAR: main drive M38A1 and M38A1C (7411963).	ea	1				
65	4	----	P	H	----	3110-144-5518	BEARING, BALL, ANNULAR: mil-std-code sr, rad, nonloading groove, both ends same w, abec 1, std fit, 25mm bore, 52mm od, 95mm w main drive gear M38A1 and M38A1C (700078).	ea	2				
65	7	----	C	H	----	2520-741-1983	SPRING: poppet M38A1 and M38A1C (7411983).	ea	1				
65	9	----	P	F	----	5355-741-1761	KNOB: shift lever M38A1 and M38A1C (7696491).	ea	1				
65	16	----	C	F	----	2520-741-1975	COVER: shift lever grease retainer M38A1 and M38A1C (7411975).	ea	1				
65	20	----	P	H	----	2520-741-1970	SPACER: bearing, main shaft M38A1 and M38A1C (7411970).	ea	1				
65	21	----	P	H	----	2520-741-1971	SPROCKET: M38A1 and M38A1C (7411971).	ea	2				
65	22	----	P	H	----	2520-741-1961	CHAIN: roller M38A1 and M38A1C (7411961).	ea	1				
65	23	----	P	H	----	5330-741-1962	GASKET: housing cover M38A1 and M38A1C (7411962).	ea	1				
65	25	----		F	----	2520-741-1966	SEAL: grease, main drive shaft M38A1 and M38A1C (500068).	ea	1				
65	27	----		H	----	5310-741-1972	WASHER, FLAT: adapter to main drive gear M38A1 and M38A1C (7411972).	ea	1				
65	34	----	5P		----	4730-278-3390	PLUG, PIPE: sq-hd, mi, glvd, 3/8 in. cover and housing drain M38A1 and M38A1C (143934).	ea	2				
65	39	----	P	H	----	2520-741-1967	SHAFT: output M38A1 and M38A1C (741-1967).	ea	1				
65	37	----	P	H	----	3110-741-1673	BEARING: ball, output shaft M38A1 and M38A1C (701170).	ea	2				

NON - SUPPLY ITEMS

KEY	ITEM	PART NO.	KEY	ITEM	PART NO.	KEY	ITEM	PART NO.
2	BRACKET	8677505	9	BRACKET	MSP-344-306	15	BRACKET	8677428
3	BRACKET ASSY	8677503	10	CROSS MEMBER	WO-800605	16	OUTRIGGER	8677291
4	SUPPORT	8328475	11	REINFORCEMENT	8677650	17	CROSS MEMBER	7372507
5	OUTRIGGER	WO-907147	12	CROSS MEMBER	8673477	18	REINFORCEMENT	8677420
6	BRACKET	7697870	13	SUPPORT	8677429	19	BRACKET	8677649
7	BRACKET	7372506	14	CROSS MEMBER	8673467	20	BRACKET	8677416
8	BRACKET	8677517				21	CROSS MEMBER	8677579



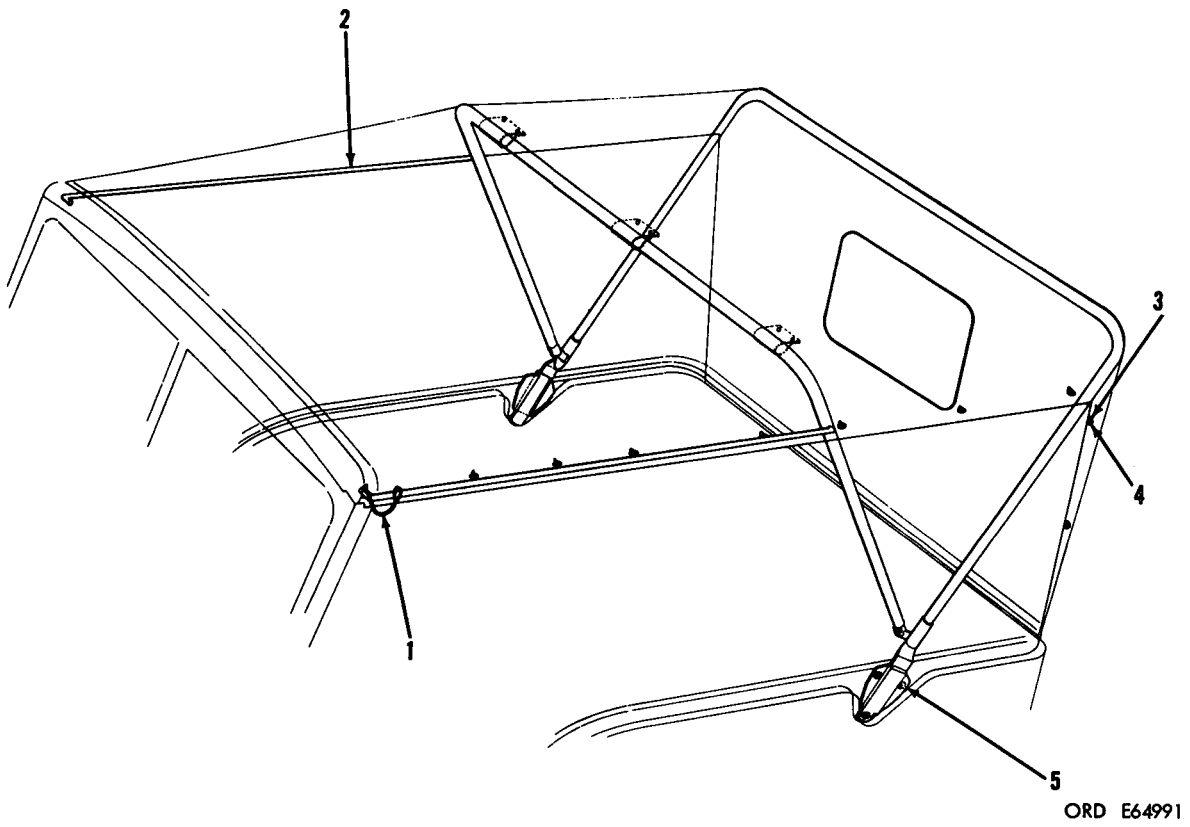
ORD E64990

Figure 66. Bumpers, brackets, and guards.

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
							<i>21—BUMPER AND GUARDS</i>					
							<i>2101—BUMPERS, BRACKETS, AND GUARDS (fig. 66)</i>					
66	1	---	P	F	---	2510-693-0771	BAR: bumper, front (8331831)-----	ea	1			
23	1	---	C	F	---	2510-040-2586	GUARD: radiator, w/deflectors, hinges, and hood liner, assy (8329975).	ea	1			
23	13	---	C	F	---	5306-737-2886	SCREW: retaining, radiator guard, $\frac{5}{16}$ -18NC x $\frac{1}{8}$ w/lockwasher (7372886).	ea	6			
							<i>NONILLUSTRATED ITEMS</i>					
			P	F	---	2540-737-2819	BUMPERETTE: rear (7372819)-----	ea	2			
			X2	F	---	6220-737-2820	GUARD: blackout driving light, w/support (7372820).	ea	1			
			X2	F	---	5315-316-1031	PIN: radiator grill guard hinge, left, w/bracket (8329977).	ea	1			
			P	F	---	5315-316-1032	PIN: radiator guard hinge, right, w/bracket (8329979).	ea	1			
			P	F	---	2510-769-7548	RETAINER: square nut, radiator guard $\frac{5}{16}$ in. (7697548).	ea	4			



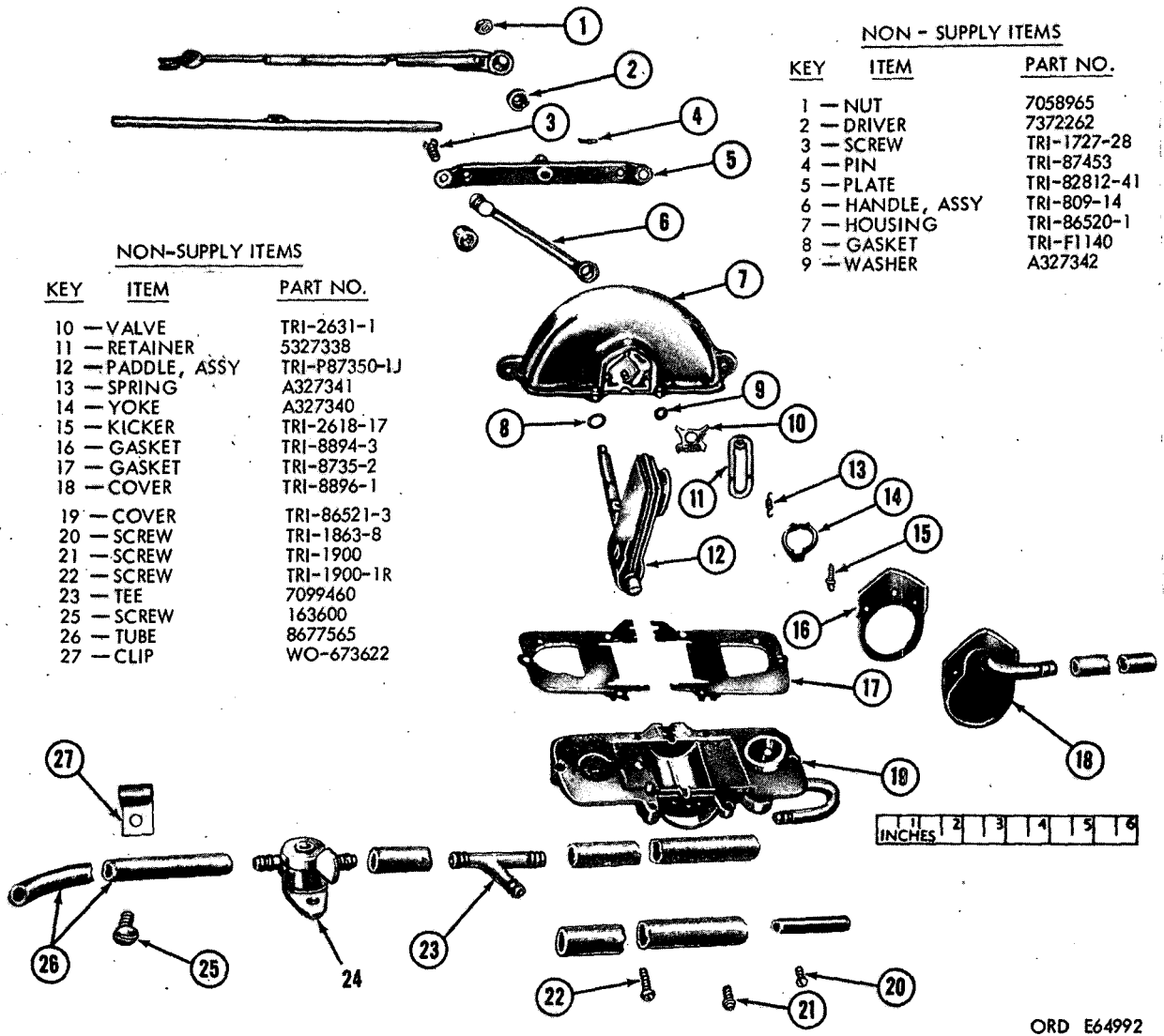
(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
							<i>22—MISCELLANEOUS BODY, CHASSIS OR HULL AND ACCESSORY ITEMS</i>					
							<i>2201—CANVAS ITEMS ATTACHING PARTS (fig. 67)</i>					
67	1	---	C	F	---	2540-040-2560	RETAINER: top to windshield M38A1 (65909-680128).	ea	1			
67	2	---	P	F	---	2510-574-8402	RAIL: top M38A1 (65909-680437)-----	ea	2			
67	3	---	C	F	---	5310-769-7418	WASHER: curtain fastener (7697418)-----	ea	62			
67	4	---	P	F	---	5325-282-7433	STUD, TURN BUTTON FASTENER: large, sgle, br, black, 2-prong clinch base common sense type (top cover (24) and rear curtain (6)).	ea	30			
67	5	---	P	F	---	5306-042-5388	BOLT, ASSEMBLED WASHER: hex-hd, int-teeth lock washer, header-pt, S, cd- or zn-pltd, 5/16-18UNC-2A x 5/8 rear top bow socket M38A1 (425388).	ea	6			



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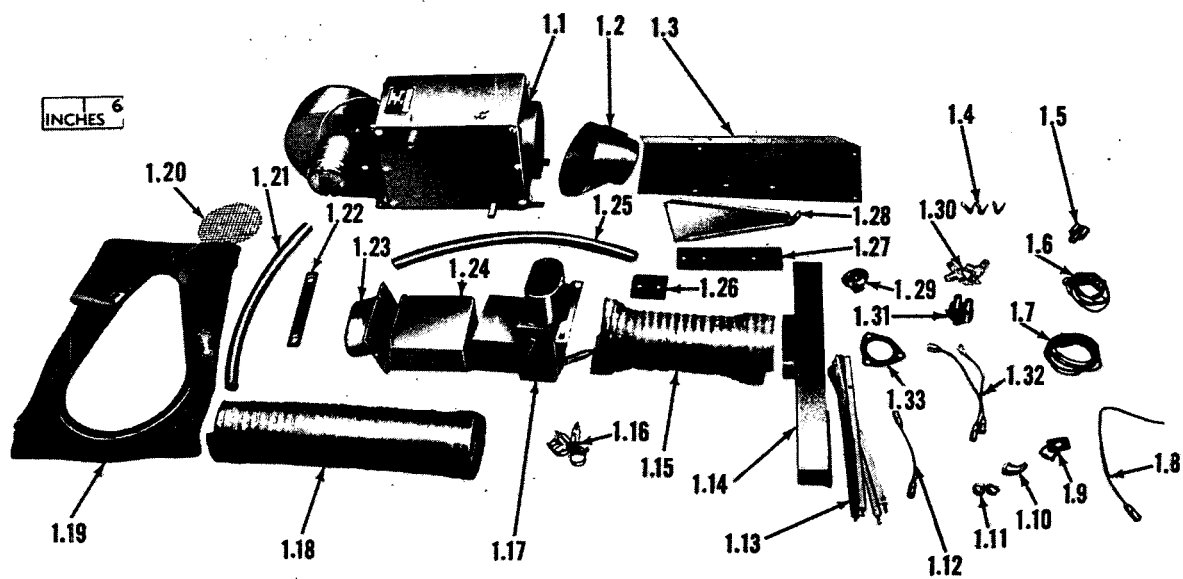
Figure 67. Canvas items and attaching parts.

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
68	24	---	P	F	---	4820-030-9417	<p><i>22—MISCELLANEOUS BODY, CHASSIS OR HULL AND ACCESSORY ITEMS</i> —Continued</p> <p><i>2202—WINDSHIELD WIPER MOTOR AND RELATED PARTS</i> (fig. 68)</p> <p>VALVE: air regulating wiper assy (8329996)---</p>	ea	1			



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Figure 68. Windshield wiper motor and related parts—exploded view.



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Figure 69. Hot-water personnel heater kit—exploded view.

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
							<b>GROUP 33—SPECIAL PURPOSE KITS</b>					
							<b>3303—HOT-WATER PERSONNEL HEATER KIT (fig. 69)</b>					
69							KIT: hot-water personnel heater (refer to SB 9-16) (for service parts see ORD 8, SNL G249, volume 40) (8710625).	ea	1			
	1.1						1 HEATER, assy (8386435)					
	1.2						1 ADAPTER, heater-to-heat duct (753-7537)					
	1.3						1 PLATE, heater mounting (8710641)					
	1.4						3 CLAMP, wiring harness (7385176)					
	1.5						1 CONNECTOR, "Y" (7982404)					
	1.6						1 RESISTOR ASSY (8710856)					
	1.7						1 CABLE, assy (8710633)					
	1.8						1 CABLE, assy (8710670)					
	1.9						1 SWITCH, heater (502676)					
	1.10						1 NAMEPLATE, heater switch (7986147)					
	1.11						1 ELBOW, street, 45 deg (144119)					
	1.12						2 BUSHING, pipe, 1/2 x 3/8 (144039)					
	1.13						1 CABLE, assy (8710635)					
	1.14						4 CLAMP, heat duct (7537473)					
	1.15						1 DEFROSTER DUCT ASSY (8359645)					
	1.16						1 HEAT DUCT, flexible (7384219)					
	1.17						4 CLAMP, coolant hose (502913)					
	1.18						1 DIVERTER BOX, assy (8359661)					
	1.19						1 HEAT DUCT, flexible (18970-10602-4)					
	1.20						1 COVER, assy, winter front (8710614)					
	1.21						1 SCREEN, heater air inlet (7390375)					
	1.22						1 HOSE, coolant (8710557)					
	1.23						1 PLATE, assy (8359649)					
	1.24						1 ADAPTER, heat duct-to-firewall (835-9644)					
	1.25						1 ADAPTER, diverter-box-to-fire wall (8359639)					
	1.26						1 HOSE, coolant (8710558)					
	1.27						1 PLATE, backing (8359651)					
	1.28						1 PLATE, backing (8359652)					
	1.29						1 BRACKET, support, heater mounting plate (8359665)					
	1.30						1 THERMOSTAT, coolant (7954461)					
	1.31						2 SHUTOFF COCK (7524043)					
	1.32						1 CIRCUIT BREAKER (8376915)					
	1.33						1 CABLE ASSY (8710638)					
							1 CABLE ASSY (8710639)					
							1 GASKET, thermostat (8328456)					

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Materiel code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
							<i>GROUP 33—SPECIAL PURPOSE KITS</i> —Continued					
							<i>3303—HOT-WATER PERSONNEL HEATER KIT (fig. 69)—Continued</i>					
							<i>NONILLUSTRATED ITEMS</i>					
						2540-039-7786	PARTS KIT, CLOSURE HARD TOP: (735-8735).	ea	1			
						2540-039-7784	WINTERIZATION KIT, VEHICLE: heater personnel (7358725). Composed of: 1 COVER, radiator, winter front seat (7358730) 1 DEFROSTER, windshield set (735-8728) 1 HEATER, personnel set (7358727) 1 PRIMER, engine set (7358729)	ea	1			
						2540-039-7785	WINTERIZATION KIT, VEHICLE: heater power plant (7758726). Composed of: 1 BOX, battery heating set (7358732) 1 COVER, hood canvas set (7358650) 1 HEATER, engine set (7358731) 1 RECEPTACLE, slave set (7358734)	ea	1			
							<i>3305—DEEP WATER FORDING KITS</i> <i>NONILLUSTRATED ITEMS</i>					
						2540-301-7274	KIT: deep water fording (M38A1) (5701837)-	ea	1			
						2540-039-8386	Composed of: KIT, air intake and exhaust tail pipe (8329722)					
						2540-039-8386	KIT, deep water venting (7012125)					
						2540-039-8386	KIT: air intake and exhaust tail pipe (832-9722). Composed of:	ea	1			
						5305-012-0706	2 BOLT, hex-hd, 1/4-20 x 1/2 (120706)					
						5305-012-1661	13 BOLT, hex-hd, 5/16-24 x 1 (121661)					
						4730-090-9328	1 BRACKET, air intake pipe (8735937)					
						4730-278-2061	6 CLAMP, air intake flex-hose to support (8329635)					
						4730-278-2061	1 CLAMP, hose (502925)					
						4730-278-2061	1 CLAMP, tail pipe to body (7998531)					
						4730-278-2061	1 DRAWING, installation					
						2990-492-5480	1 GASKET, tail pipe to muffler (7048736)					
						2990-492-5480	1 HOSE, flex, w/connector and clamp, assy, air intake (8735929)					
						5310-050-3348	13 NUT, hex (huglock), 5/16-24 (503348)					
						5310-012-6177	3 NUT, wing, 1/4-20 (126177)					

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
							<b>GROUP 33—SPECIAL PURPOSE KITS</b> —Continued					
							<b>3305—DEEP WATER FORDING KITS</b> —Continued					
							<b>NONILLUSTRATED ITEMS—Continued</b>					
						5310-696-5173	2 NUT, w/washer, ¼-20 (271172)					
						5330-623-8821	1 PIPE, tail (7998529)					
						5305-013-3056	1 RING, anti-squeak, air intake support (8735928)					
						5306-042-3561	3 SCREW, rd-hd, ¼-20 x 1½ (133056)					
							2 SCREW, w/lockwasher, hex-hd, ⅝-18 x ⅞ (423561)					
							2 SCREW, w/lockwasher, hex-hd, ⅝-24 x 1¼ (65909-800585)					
						2540-735-1374	3 SPACER, ⅝ id x ⅝ lg clamp to support (7351374)					
							1 STRAP, hood, air intake hose (8735930)					
							1 SUPPORT, w/bracket, air intake flex-hose (8735939)					
						5310-527-3289	3 WASHER, ¼ in. (120423)					
						5310-012-0393	4 WASHER, 1½ id, 1⅞ od, 0.065 thk (120393)					
							KIT: deep water venting (7012125)-----	ea	1			
							Composed of:					
						5306-696-5377	1 BOLT, w/lockwasher, hex-hd, ⅜-16 x ⅝ (7346875)					
						2910-623-9965	1 BRACKET, support, lower, dual control conduit (8677432)					
							1 CLIP, conduit, dual control (120520)					
						5340-704-7998	3 CLIP, open, ⅝ dia (7047998)					
						5340-333-6078	4 CLIP, open, S-type, ⅜ in. dia tube (8329624)					
						2910-737-5063	1 CONNECTOR, ball check, ⅜ in. tube (7375063)					
						4730-277-8764	2 CONNECTOR, flared tube, inverted (137404)					
						2540-632-8823	1 CONTROL, dual, crankcase ventilation valve (65909-806444).					
						4730-737-5128	1 COUPLING, transfer case air vent (7375128)					
							1 DRAWING, installation					
							2 ELBOW, flared tube, inverted (137420)					
							1 ELBOW, flared tube, inverted (325200)					
							1 ELBOW, pipe, street (444038)					
						4730-623-8827	1 ELBOW, pipe, street (8677538)					



(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
							<i>GROUP 33—SPECIAL PURPOSE KITS</i> —Continued					
							<i>3305—DEEP WATER FORDING KITS</i> —Continued					
							<i>NONILLUSTRATED—Continued</i>					
						2910-321-7423	1 HOSE, oil filler tube to air intake (832-9643)					
						2520-040-2515	1 LINE, bell housing tee to transfer case (8329638)					
						2805-040-2517	1 LINE, vacuum pump to bell housing tee (8329640)					
						2910-625-2868	1 LINE, vent, fuel tank to elbow (701-2124)					
							7 LOOM, split, 3/8 id, 1 in. lg (65909-A-17445)					
						4730-492-5042	1 NIPPLE, hose, 1/4 std taper pipe thd (7047970)					
						5310-012-0361	1 NUT, hex, No. 10 (0.190)-24 (120361)					
						2540-769-7554	1 PLATE, fording vent valve (7697554)					
							1 PLUG, pipe, sq-hd, 1/4 (143933)					
						5305-016-1790	4 SCREW, No. 6 (0.138)-32 x 3/8 (161790)					
						5305-285-5296	3 SCREW, w/washer No. 10 (0.190)-24 x 1/2 (454783)					
							1 TEE, flared tube (143481)					
						2910-623-8830	1 TUBE, vent, fuel tank to air cleaner (7012126)					
						2540-623-8829	1 TUBE, vent, master cylinder to air cleaner (8735931)					
						2910-741-0836	2 VALVE, control, crankcase ventilator, w/pin, assy (7410836)					
							<i>ALTERNATING GENERATOR KIT</i>					
							<i>NONILLUSTRATED</i>					
						2920-092-9390	KIT, 100 ampere, 28 volt, rectified ac-dc generating system (8699720). Composed of: 1 BELT, fan, matched set of 4 (8699837) 1 BRACKET, mounting, generator (869-9706) 4 BRACKET, mounting, rectifier (869-9708) 2 BRACKET, mounting, regulator (869-9722)	ea	1			

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
							<p><i>GROUP 33—SPECIAL PURPOSE KITS</i> —Continued</p> <p><i>ALTERNATING GENERATOR KIT</i> —Continued</p> <p><i>NONILLUSTRATED ITEMS—Continued</i></p> <p>2 BRACKET, mounting, slotted, regulator (8699721)</p> <p>1 CABLE, generator-to-rectifier, assy (8699723)</p> <p>1 CABLE, rectifier-to-regulator, assy (8699711)</p> <p>1 CABLE, regulator-to-battery assy (8699724)</p> <p>4730-278-2493 2 CLAMP, HOSE: S, cd- or zn-pltd, in. (generator cable) (502913)</p> <p>5340-057-2706 2 CLAMP, LOOP: cushioned, S, cd- or zn-pltd, 5/8 od tube, hole for No. 10 screw (regulator cable) (572926)</p> <p>5315-012-4553 1 GENERATOR, engine, assy (28 volt, 100 amp, ac-dc) (7954720)</p> <p>5310-012-0622 1 KEY, WOODRUFF: alloy-S, 1/4 x 1 (No. 15) (generator pulley) (124553)</p> <p>4 NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, No. 8 (0.164)-32NC-2B, 1 1/2 w, 1/8 thk (rectifier bracket) (120622)</p> <p>17 NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, 1/4-20UNC-2B, 1/16 w, 1/2 thk (cable support) (120375)</p> <p>2 NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, 1/16-20UNF-2B, 1 1/16 w, 3/8 thk (generator mounting) (271506)</p> <p>1 NUT, SELF-LOCKING, HEXAGON: S, cd- or zn-pltd, 3/4-16UNF-3B, 1 1/16 w, 1 3/32 thk (generator pulley) (503449)</p> <p>1 PULLEY, crankshaft (8699713)</p> <p>1 PULLEY, generator (8699715)</p> <p>1 PULLEY, water pump and fan (869-9725)</p> <p>1 RECTIFIER, metallic, generator, assy (7954343)</p> <p>1 REGULATOR, generator, assy (869-9744)</p> <p>4 SCREW, CAP, HEXAGON HEAD: dld- f/lkg wire, low-carb-S, plain fin., 1/4-20UNC-2A x 1 1/8 (rectifier mounting) (121906)</p>					

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint slw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
							<p><i>GROUP 33—SPECIAL PURPOSE KITS</i> —Continued</p> <p><i>ALTERNATING GENERATOR KIT</i> —Continued</p> <p><i>NONILLUSTRATED ITEMS—Continued</i></p> <p>10 SCREW, CAP, HEXAGON HEAD: low-carb-S, cd- or zn-pltd, ¼-20UNC-2A x ⅝ (regulator bracket) (120854)</p> <p>3 SCREW, CAP, HEXAGON HEAD: low-carb-S, cd- or zn-pltd, ¼-20UNC-2A x ¾ (cable support) (121887)</p> <p>1 SCREW, CAP, HEXAGON HEAD: low-carb-S, cd- or zn-pltd, ⅜-16UNC-2A x 1 (regulator bracket mounting) (120233)</p> <p>1 SCREW, CAP, HEXAGON HEAD: low-carb-S, cd- or zn-pltd, ⅜-16UNC-2A x 2¾ (generator mounting bracket) (122201)</p> <p>1 SCREW, CAP, HEXAGON HEAD: med-carb-S, cd- or zn-pltd, ⅞-20UNF-2A x 1½ (generator mounting) (181670)</p> <p>1 SCREW, CAP, HEXAGON HEAD: med-carb-S, cd- or zn-pltd, ⅞-20UNF-2A x 3½ (generator mounting) (181680)</p> <p>4 SCREW, MACHINE: rd-hd, S, cd- or zn-pltd, No. 8 (0.164)-32NC-2A x ½ (rectifier bracket) (132760)</p> <p>1 SUPPORT, generator cable (8699727)</p> <p>2 SUPPORT, rectifier cables (8699726)</p> <p>1 SUPPORT, rectifier cables (8699728)</p> <p>2 SUPPORT, regulator (8672823)</p> <p>1 VOLTMETER, generator and battery, assy (8376488)</p> <p>1 WASHER, pl, S, 25/32 id, 113/16 od, 0.0478 (BUFFER: assy) (generator pulley) (7720442)</p> <p>14 WASHER, LOCK: ext-teeth, S, cd- or zn-pltd, ¼ bolt size (rectifier mounting) (121753)</p> <p>4 WASHER, LOCK: int-teeth, S, cd- or zn-pltd, No. 8 screw size (rectifier bracket) (138530)</p> <p>3 WASHER, LOCK: int-teeth, S, cd- or zn-pltd, ¼ in. bolt size (cable support) (120423)</p>					

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
							<i>GROUP 33—SPECIAL PURPOSE KITS</i> —Continued					
							<i>ALTERNATING GENERATOR KIT</i> —Continued					
							<i>NONILLUSTRATED ITEMS—Continued</i>					
							2 WASHER, LOCK: split, lt, cd- or zn-pltd, 3/8 in. bolt size (generator mounting bracket) (120381)					
							2 WASHER, LOCK: split, lt, S, cd- or zn-pltd, 1/16 in. bolt size (generator mounting) (121621)					
							8 WASHER, rectifier bracket (8699709)					
							4 WASHER, rectifier mounting (8699719)					
							<i>3307—RADIO POWER FEED KIT</i> (fig. 70)					
70	1					2590-693-4224	KIT: installation, radio power feed (5701808) . . . Composed of:	ea	†			
	1.1						4 CLIP, CLOSED, 0.437 ID (7743748)					
	1.2						6 BOLT, MACHINE, 1/4-20NC-2 x 1/2 (120626)					
	1.3						6 WASHER, LOCK, 1/4 in. (121637)					
	1.4						6 NUT, PLAIN, HEX, 1/4-20NC-2 (134551)					
	1.5						1 HARNESS, W/ROAD RECEPTACLE, ASSY (7360663)					
	1.6						1 BRACKET, RADIO RECEPTACLE (7360662)					
	1.7						1 COVER, W/CHAIN, RADIO RECEPTACLE, (7261674)					
	1.8						2 GROMMET, 3/8 id x 2 1/2 od x 5/16 thk (128157)					
	1.9						4 BOLT, MACHINE, No. 6 (0.138)-32NC-2 x 1/2 (132705)					
	1.10						4 WASHER, LOCK, No. 6 (0.138) (131181)					
	1.11						4 NUT, PLAIN, HEX, No. 6 (0.138)-32NC-2 (134530)					
	1.12						1 BOLT, MACHINE, 1/4-20NC-3 x 5/8 (120854)					
	1.13						2 WASHER, LOCK, INT-EXT-TEETH, 1/4 x 0.760 (174916)					
	1.14						1 NUT, PLAIN, HEX, 1/4-20NC-2 (120375)					

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
<p><i>GROUP 33—SPECIAL PURPOSE KITS</i> —Continued</p> <p><i>3307—RADIO POWER FEED KIT</i> (fig. 70)—Continued</p> <p><i>NONILLUSTRATED ITEMS</i></p>												
		P	F	---		2590-608-5604	SWITCH, CONNECTOR: assy (used w/12 pole prime mover receptacle, to 4 pole trailer cable) (8689342).	ea	‡			
		P	F	---		2590-316-1027	CONNECTOR, LEAD ASSY, RADIO: 24 V wtrprf, w/cable, assy (7355819). 1 CONNECTOR, CONDUIT, 90 DEG, ASSY (8365411).	ea	1			

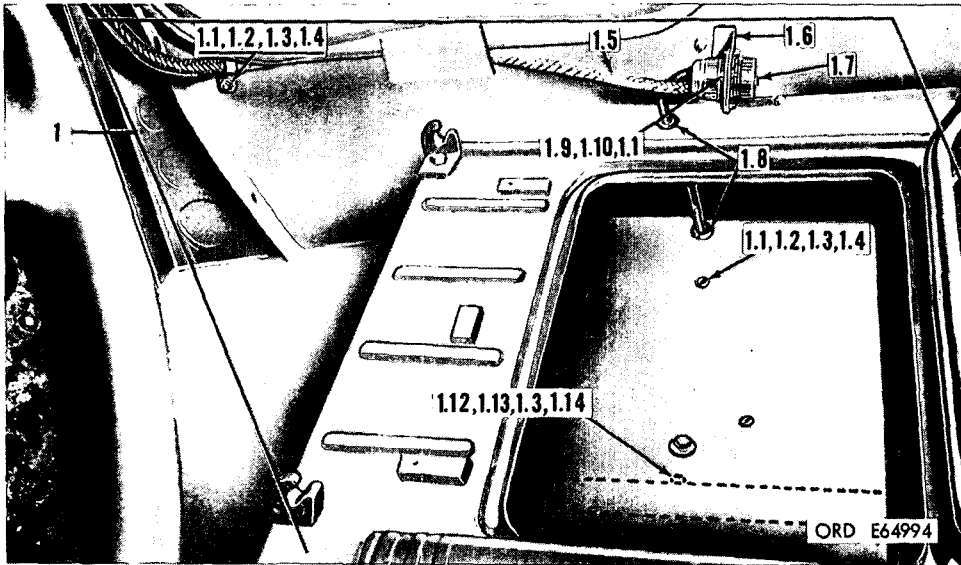


Figure 70. Radio power feed kit.

(1) Illustration		(2) Source, maint and recoverability code				(3)	(4)	(5)	(6)	(7) 15-day maint allow per 100 equip		(8)
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability	Federal stock No.	Description	Unit of issue	Qty inc in unit	(a) Dir sup	(b) Gen sup	Depot maint guide per 100 equip
							<i>47—SPEEDOMETER</i>					
							<i>4701—SPEEDOMETER EQUIPMENT (fig. 42)</i>					
42	6	---	P	F	---	2520-769-7553	GEAR: driven, w/integral shaft iud, then use gear, 2520-040-2483 (8328480).	ea	1			
42	7	---	C	F	---	2520-040-2484	SLEEVE: driven gear (8328481)-----	ea	1			
							<i>NONILLUSTRATED ITEM</i>					
			C	H	---	6680-832-7566	SHAFT ASSEMBLY, FLEXIBLE: w/casing and core, assy used w/engine, 2805-307-8857 (7389881).	ea	1			

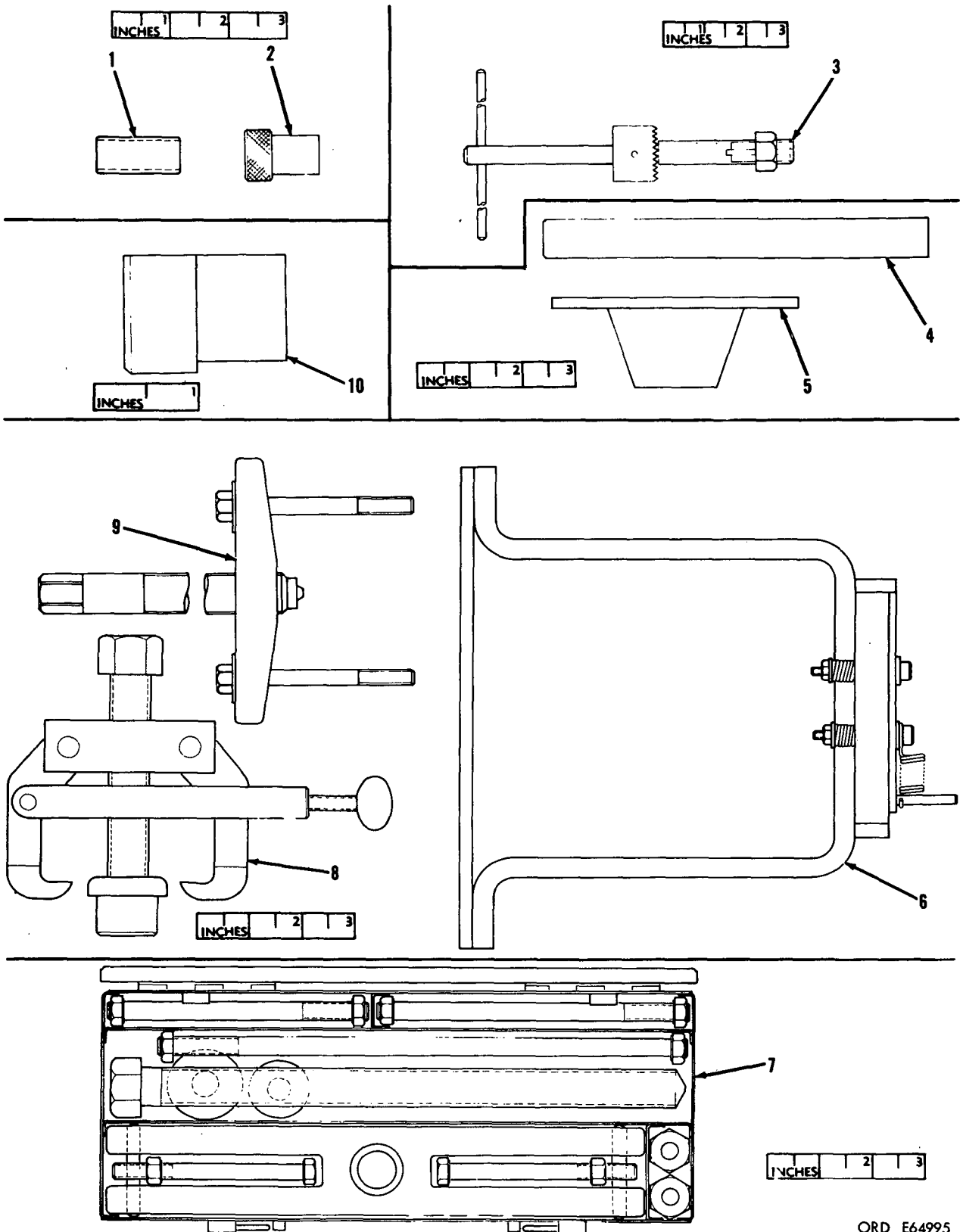


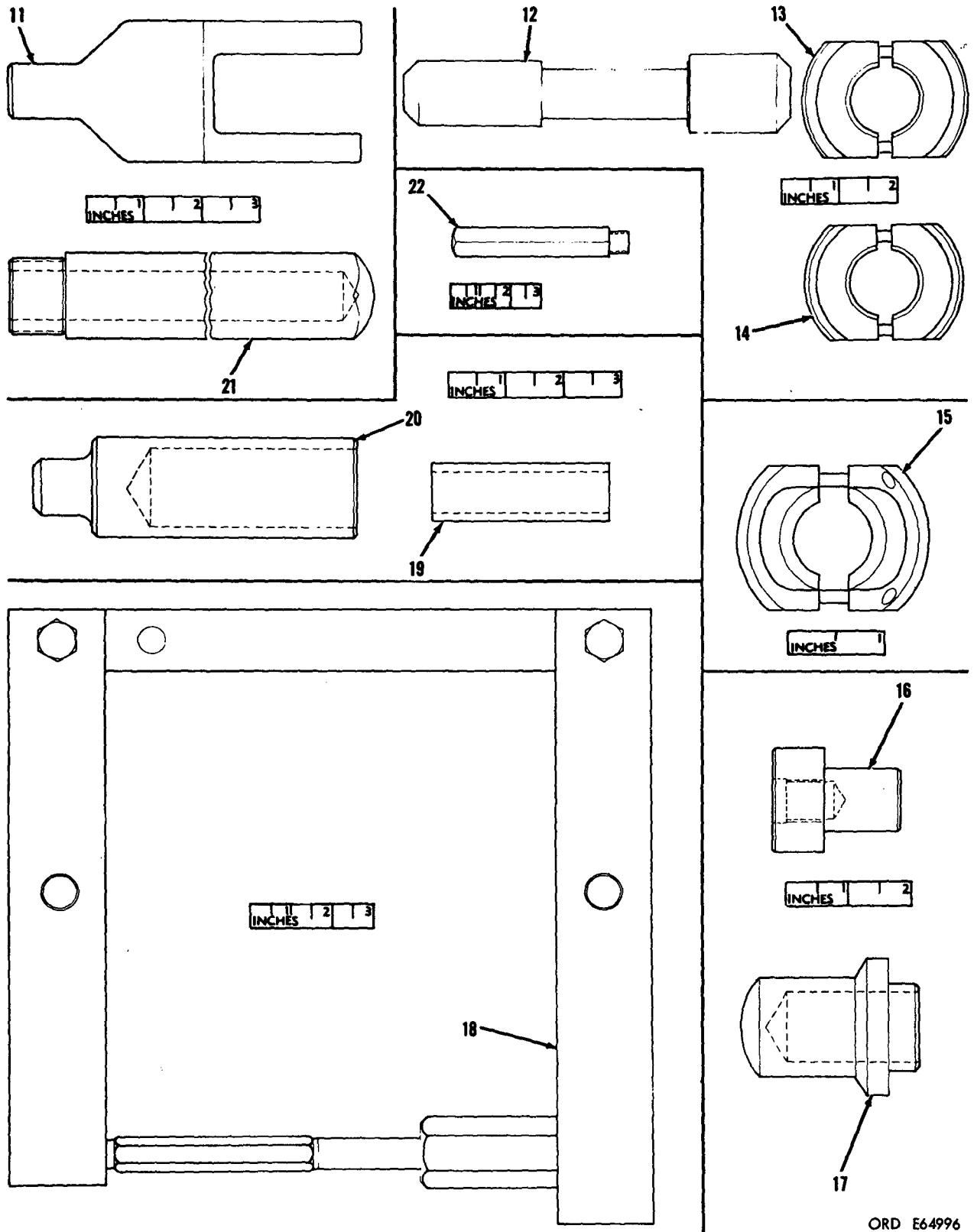
Figure 71. Special tools

## SECTION III DIRECT AND GENERAL SUPPORT TOOLS AND EQUIPMENT

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint alw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Materiel code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
<b>GROUP 26—TOOLS AND TEST EQUIPMENT</b>												
<b>2604—SPECIAL TOOLS (fig. 71)</b>												
			P	F		4910-795-0307	TOOL KIT: field maintenance (direct support) special basic, for trucks, ¼-ton, 4 x 4, M38, M38A1, M38A1C and M170 (7950307).			1		
			P	F		4910-795-0308	TOOL KIT: field maintenance (general support) special, basic, for trucks, ¼-ton, 4 x 4, M38, M38A1, M38A1C and M170 (7950308). The special tools listed below are components of the above kits and may be requisitioned under their individual stock numbers in accordance with quantities listed in column 7.				1	
71	1		P	H		5120-897-2926	ADAPTER, SLEEVE: 1¼ dia x 1½ lg (replacing M38A1, M170 intake valve guide) (used w/5180-708-3270 remover and replacer) (8366659).				1	
71	2		P	H		4910-474-9174	LOCATOR: transfer case idler gear thrust washer (7081360).					1
71	3		P	F		5110-473-7307	REFACER: water pump body seal surface (7079716).			1		
71	4		P	H		4910-708-3214	ARBOR, STRAIGHT: ¾ dia x 6⅞ lg (removing or replacing transmission countershaft) (7083214).					1
71	5		P	H		4910-708-3351	PLATE, ANGLE IRON: retaining transmission main shaft (7083351).					1
71	6		P	H		4910-795-0873	FIXTURE, GAGE: holding M38, M38A1 and M170 intake or exhaust valve (used w/5180-795-0601 gage, kit) (7950873).					1
71	7		P	F		5120-338-6721	KIT, PULLER: companion flange (8708724).			1		
71	8		P	H		5120-473-7316	REMOVER: differential case bearing cone (7078129).					1
71	9		P	F		5120-708-3384	PULLER: M38, M38A1 and M170 crankshaft or camshaft timing gears (7083384).			1		
71	10		P	H		4910-708-3264	LOCATOR: transfer case countershaft thrust washer (7083264).					1
72	11		P	H		5120-473-7317	REMOVER, FORKED TYPE: transfer case front bearing cones (7080057).					1
72	12		P	F		5120-473-7370	REMOVER AND REPLACER: front wheel spindle bushing (7076526).			1		
72	13		P	H		5120-708-3268	REMOVER AND REPLACER: drive pinion inner bearing cup (used w/5120-708-3216 screw (7083268).					1



(1) Illustration		(2) Source, maint and recoverability code				(3)	(4)	(5)	(6)	(7) 15-day maint alw per 100 equip		(8)
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability	Federal stock No.	Description	Unit of issue	Qty in unit	(a) Dir sup	(b) Gen sup	Depot maint guide per 100 equip
<b>GROUP 26—TOOLS AND TEST EQUIPMENT—Continued</b>												
<b>2604—SPECIAL TOOLS (fig. 72)</b>												
—Continued												
72	14	---	P	H	---	5120-708-3269	REMOVER AND REPLACER: drive pinion outer bearing cup (used w/5120-708-3216) (7083269).	---	---	---	---	1
72	15	---	P	F	---	5120-708-3344	REMOVER AND REPLACER: driving pin bearing cup (used w/5120-708-3341 remover and replacer, screw) (7083344).	---	---	---	1	---
72	16	---	P	H	---	5120-473-7431	REPLACER: differential case bearing cones (7080036).	---	---	---	---	1
72	17	---	P	F	---	5120-708-3349	REPLACER: transfer case output shaft rear bearing cap oil seal (7083349).	---	---	---	1	---
72	18	---	P	H	---	4910-708-3376	SPREADER: differential carrier (7083376)	---	---	---	---	1
72	19	---	P	H	---	4910-378-4335	SLEEVE: replacing transmission countershaft needle bearing (7083350).	---	---	---	---	1
72	20	---	P	H	---	5120-708-3207	REPLACER: transfer case output shaft snap ring or front bearing cone (7083207).	---	---	---	---	1
72	21	---	P	H	---	5120-208-3126	SCREW: used w/removers and/or replacers (7083216).	---	---	---	---	1
72	22	---	P	F	---	5120-708-3341	REMOVER AND REPLACER, SCREW: used w/removers and/or replacers (7083341).	---	---	---	1	---
<b>NONILLUSTRATED ITEMS</b>												
			P	H	---	4910-708-3385	GAGE, SET: drive pinion setting (7083385) Composed of: 1 GAGE, drive pinion setting (7083386) 1 GAGE, checking drive pinion setting gage (7083387) 1 SPACER (7083429) 1 BOX ASS'Y., gage (8690020)	---	---	---	---	1
			P	F	---	4910-795-0601	KIT, GAGE: valve cap clearance checking (7950601). Composed of: 1 GAGE, valve cap clearance checking (7083104) 1 COLLAR (7950602) 1 BOX (7950603)	---	---	---	1	---
			P	H	---	4910-708-3270	REMOVER AND REPLACER: set (7083270) Composed of: 1 DRIVER (7083261) 1 ADAPTER (7083262) 1 ADAPTER (7083263)	---	---	---	---	1



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Figure 72. Special tools.

(1) Illustration		(2) Source, maint and recoverability code				(3) Federal stock No.	(4) Description	(5) Unit of issue	(6) Qty inc in unit	(7) 15-day maint slw per 100 equip		(8) Depot maint guide per 100 equip
(a) Fig. No.	(b) Item No.	(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability				(a) Dir sup	(b) Gen sup		
							<b>GROUP 26—TOOLS AND TEST EQUIPMENT—Continued</b>  <b>2604—SPECIAL TOOLS (fig. 72) —Continued</b>  <b>NONILLUSTRATED ITEMS—Continued</b>					
			P	F	----	5120-473-7605	TOOL, GLASS SEAL INSTALLING: M38, M38A1 and M170 (7080040). Composed of: 2 HANDLE (7080041) 1 SPREADER (7080050) 1 HOLDER (7080053)	-----		1		
			P	F	----	5120-473-7617	TOOL, TRANSFER: shifter shaft oil seal (7080030). Composed of: 1 DRIVER (7080031) 1 THIMBLE (7080032)	-----		1		

## SECTION IV

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By Order of the Secretary of the Army:

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